

Hand Book of

**NURSERY AND
GARDEN TOOLS**

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**GREENHOUSE, ORCHARD
and
TREE SURGERY TOOLS**

1957

A. M. LEONARD & SON, INC.

Established 1885

PIQUA, OHIO

PIQUA, OHIO

A manufacturing city (population 20,000) situated in the Miami Valley, 28 miles north of Dayton on the Dixie Highway.



POSTAL GUIDE

New Postal Regulations limit the weight to 40 lb. for the 2nd Zone and 20 lb. beyond for cities with 1st Class Post Offices. Also, the size is limited to 72 in. length and girth combined. Our Traffic Department can check the lowest delivery cost.

2D ZONE. Cleveland, Detroit, Indianapolis, Louisville, Lexington, (Ky.) and Zanesville, (Ohio).

3D ZONE. Painesville, Lansing, (Mich.), Chicago, Milwaukee, Springfield, (Ill.), Knoxville and Pittsburgh.

4TH ZONE. Most or all of New York, Penna., New Jersey, Delaware, Md., the Carolinas, Georgia, Ala., Miss., Ark., Missouri, Iowa and Wisconsin.

Cities just within limits: New York City, Springfield, (Mass.), Hot Springs, Minneapolis and Kansas City.

5TH ZONE. Eastern Mass., R. I., and the greater part of Florida, La., Texas, Okla., Kan., Nebr. and the Dakotas.

6TH ZONE. Colorado.

8TH ZONE. Pacific Coast.



INTRODUCTION TO LEONARD NURSERY SPADES

Designed by Nurserymen and manufactured in one of the most modern shovel plants in the country Leonard Nursery Spades cannot be excelled. Blades are forged from Molybdenum or special alloy steel, with great tensile strength and toughness, heat treated and left in the natural black (or polished). Always look for the Moly Wood or Steel D Handle.

LEONARD TOOLS are USED AND ENDORSED by leading Growers, Landscape Firms, City Park Depts., State Agricultural Colleges and Government Departments throughout the country

A. M. LEONARD & SON, INC.

PIQUA, OHIO - Telephone 512

LEONARD NURSERY SPADES



No. A1M



No. B1M



No. A3M

LIGHT WEIGHT MOLYBDENUM

The thin **flat edge** enters the ground with amazing ease. Two-thirds length (15 in.) straps, Moly D handle and turned-over steps. Standard No. 2 blade, $7\frac{1}{2}$ x 12 in. long.

Weight, 5 lbs.

No. A1M MOLY. Straight edge, square point.....	\$7.80 ea.
No. B1M MOLY DIAMOND POINT.....	7.95 ea.
No. A3M MOLY SHRUB. Tapered to 6 in.....	7.95 ea.
Add for full polished Blades.....	1.50 ea.

LEONARD NURSERY SPADES



No. A1



No. A13M

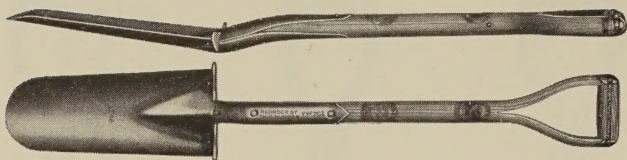


No. B1

Standard 7 lb. Weight with Full Length Straps.

- Special alloy steel blades with flat cutting edge and turned steps.
- No. A1 STANDARD. 12 in. square point.....\$9.60 ea.
- No. A13M MOLY TREE SPADE. 13 in. tapered blade
in Molybdenum steel (add \$1.50 for polished blade) ..10.00 ea.
- No. H13 Special Planting Spade. 13 in. blade like
No. A13M with sides trimmed to 3 in. wide at point..10.30 ea.
- No. B1 DIAMOND POINT. 12 in. pointed blade 9.60 ea.
- No. D2 FLORIDA Grafting Spade. 16 in. curved
and tapered blade, with or without steps.....10.00 ea.

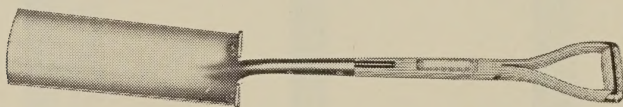
TRANSPLANTING SPADES



TRANSPLANTING or DRAIN SPADE. Narrow, curved blade
5 $\frac{3}{4}$ in. wide. 14 and 16 in. sizes have tubular socket.

No. T12. 12 in. Perennial Size as illustrated.....\$5.35 ea.

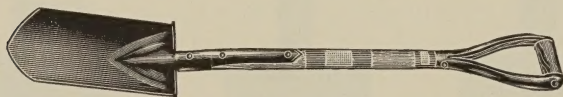
No. A14. 14 in.....\$5.95 No. A16. 16 in.\$6.25 ea.



No. B58. Balling and Root Pruning Spade. Ditcher pattern.
Blade is 6 in. wide, natural black finish; tubular socket.

14 in., \$5.95 ea.

16 in., \$6.25 ea.



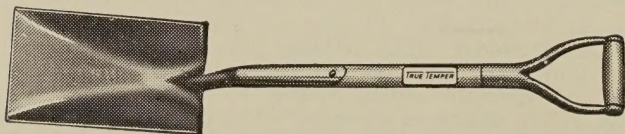
No. 126. IOWA Pattern (Ames). Sturdy, curved blade,
6 $\frac{3}{4}$ in. wide, 12 $\frac{1}{2}$ in. long. Steel treads and Armor-D. \$6.35 ea.

Also available with full polished blade, \$7.85 ea.



No. 6W2. MOLY GARDEN SPADE. The finest Garden Spade
manufactured. Thin blade with straight edge, turned steps.

4 $\frac{1}{2}$ lbs. \$6.30 ea.

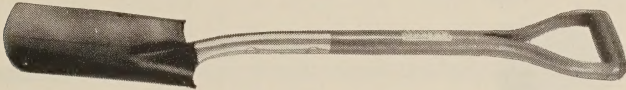


No. M62. BANTAM or Solid Shank Garden Spade. Regular
size, 12 in. blade with turned steps. 4 $\frac{1}{2}$ lb. \$5.40 ea.

GARDEN SPADES



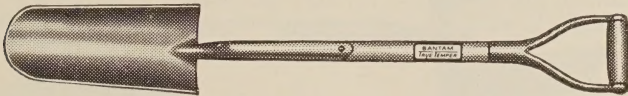
- FLORAL SHOVEL.** Blade 6 x 8 in. Weight $2\frac{1}{2}$ lbs.
No. FSD. With 30 in. D handle as illustrated.....**\$3.10** ea.
No. SL21. The same Shovel with 42 in. long handle..**\$3.10** ea.



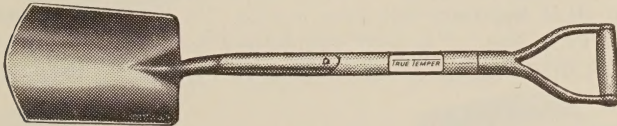
- No. LE61. Eureka Floral Spade.** Curved blade, $5\frac{1}{4}$ in. wide, 10 in. long, tubular socket, Moly D, $2\frac{3}{4}$ lb. **\$3.60** ea.



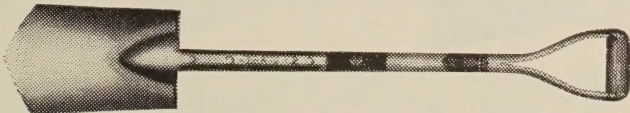
- No. UD12. Sharpshooter.** A new Green Thumb Spade shaped from one piece of steel. 12 in. blade. Wt. 4 lb. **\$4.20** ea.



- No. F10. FLORAL SPADE.** True Temper Bantam. 11 in. wedge shaped blade, slightly curved. $3\frac{1}{2}$ lb. **\$5.40** ea.



- No. F81. BERRY SPADE.** Light but sturdy with flat blade. 7 x 10 in. long. Wt. $3\frac{1}{2}$ lb. **\$5.40** ea.

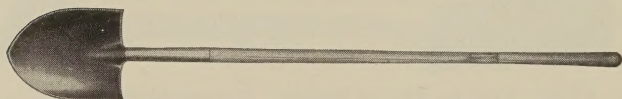


- No. H3. BORDER SPADE.** Polished blade, slightly curved, with steps. Light weight. 3 lb. **\$5.30** ea.

ROUND POINT SHOVELS



No. ML81. Solid Shank SPADING SHOVEL. Size 1 blade, 8 x 11 in., with steps. Our most popular Digging Shovel. Wt. 4 lb.
Special Price, \$4.85, or with polished face, **\$5.50** ea.

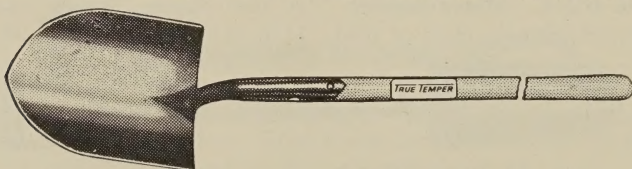


CLOSED BACK Shovel. 10 in. closed tubular socket; folded back treads. Round point, long handle.

No. B1CB. No. 1 Size with low lift for spading. **\$4.85** ea.

No. 5B2JL Jet-Lite. No. 2 size light weight (only 3½ lb.).
 For general use. New, **\$4.85** ea.

No. 5B2CB. No. 2 Size, standard lift and wt., 4¾ lb. **\$5.15**



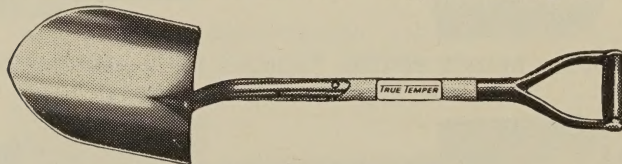
Bantam and Fox SOLID SHANK

Standard Size 2. Turned Steps optional for 1957.

No. BLR Bantam with long handle. Wt. 4¼ lb. **\$4.95** ea.

No. FLR Fox or heavier contractors weight, 5 lb. **\$5.25** ea.

No. LBOO Garden Shovel. Blade 7 x 9½ in. Wt., 3½ lb. **\$4.80**

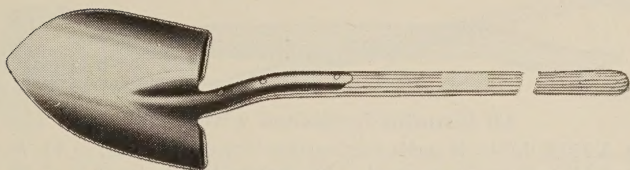


No. BR Bantam D handle Shovel. Standard size 2 blade 8½ x 11½ in. Turned Steps optional for 1957. **\$5.10** ea.

No. FR Fox or heavier contractors weight. **\$5.40** ea.

See Page 8 for Square Point Shovels

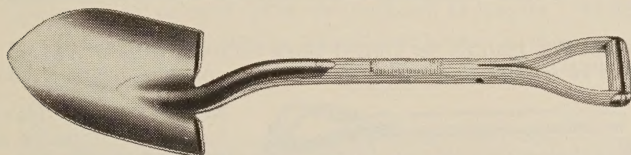
MO-LYB-DEN-UM SHOVELS



No. 5W2L. MOLY LIGHT WEIGHT. Size 2 with turned over steps. Highest grade white Ash handle. Weight 4 lb. Black finish. **\$6.15 ea.** (Add 90c for polished face.)

No. 5W2LX. MOLY NURSERY. Same as No. 5W2L except with modified lift, being more suitable where the same shovel is used for both digging and shoveling. **\$6.15 ea.**

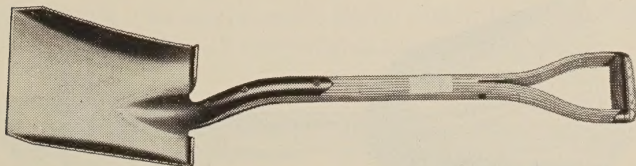
No. 5W2XX. Moly Nursery with heavier blade and handle, **\$6.25 ea.** (Add 90c for polished face.)



No. 3W2. MOLY ROUND POINT. Standard Size 2 blade, turned steps and Moly D handle. Weight, 5 lbs. **\$6.30 ea.**



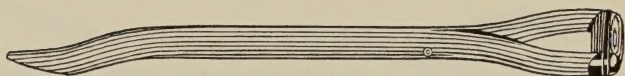
No. 3W2X. MOLY Digging Shovel. Blade like No. 3W2 above but with spade bend for digging. Turned steps, 15 in. straps. Weight 6 lb. **\$8.10 ea.**



No. 2W2. MOLY SQUARE POINT or Contractors Shovel. D handle as illustrated, or long handle. **\$6.30 ea.**

No. W90. Florist Shovel. Moulder's pattern with flat flexible blade, 10 in. wide; polished one side. **\$7.30 ea.**

REPAIR HANDLES - SCOOPS

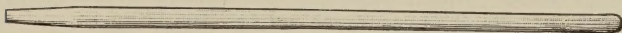


All Handles furnished with Rivets

- No. V2XX Moly Handle for Spades like on page 2\$1.90 ea.
 No. S2XX Handle w/Steel D for Spades like on page 3.. 1.90 ea.
 Extra Rivets, 30c doz. **Moly Steel D Top** only..... 1.00 ea.



- No. LK1XX Handle for Moly Shovels, page 7.....\$1.90 ea.

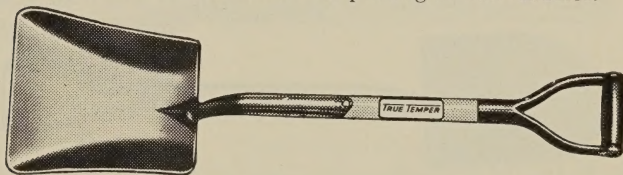


- No. KCBX Handle for Closed Back Shovels, page 6\$1.65 ea.
 No. T44 $\frac{1}{2}$ Handle for Bantam Shovels, page 6..... 1.40 ea.

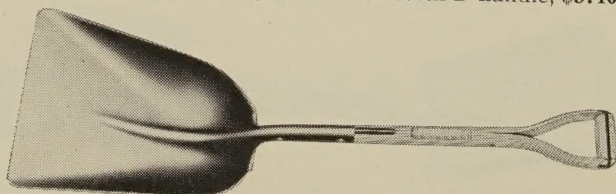


- No. TE24 D Handle
 for Bantam Spades and
 Shovels. \$1.60

Repair Service is available for putting in new handles.



- No. BS Square Point Bantam Shovel. Size 2.....\$5.10 ea.
 No. BLS With long handle, \$4.95. Fox With D handle, \$5.40 ea.



- No. 140 SCOOP. Wide mouth, light weight alloy steel.
 Size 6. 12 $\frac{1}{4}$ in. wide, \$6.35. Size 10—14 $\frac{1}{2}$ in. wide \$6.65 ea.
 Size 14. 15 $\frac{1}{4}$ in. wide, Aluminum Alloy for snow or refuse.
 \$9.95 ea.

LANDSCAPE TOOLS

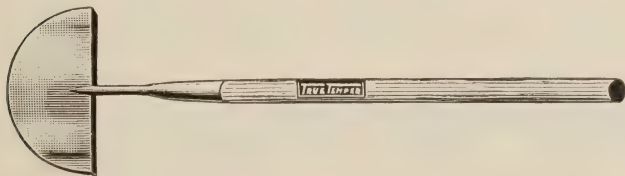


No. 1. SOD LIFTER. Strong 18 in. shank (illustration does not show middle bend). 32 in. handle. **\$7.70 ea.**



No. 30D. ENGLISH Turf Edger. Blade forged in England assembled by us with 30 in. selected ash D handle. **\$4.35.**

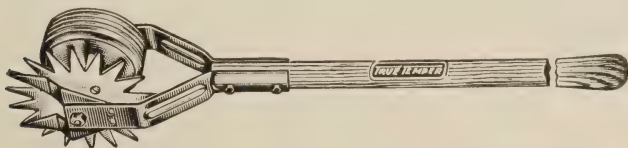
4 ft. long handle in place of D handle available on special order.



No. 04OF. TURF EDGER. Blade 9 in. wide with steps. 4 ft. socket handle. **\$3.10 ea.**

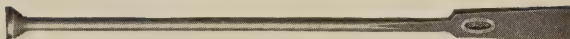


PLANET JR. An exceptionally sturdy rotary disc Lawn Edger
For cutting off overhanging grass. **\$3.40 ea.**

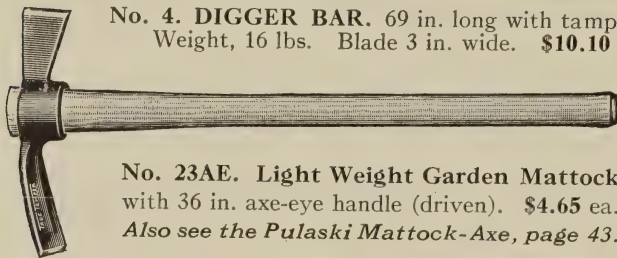


ROTARY Turf Edger with rubber tired wheel.
True Temper or Rowe'l-Ezy. **\$5.45 ea.**

PICKS and MATTOCKS

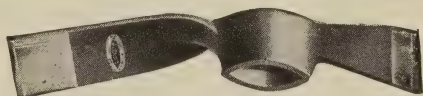


No. 4. **DIGGER BAR.** 69 in. long with tamper end.
Weight, 16 lbs. Blade 3 in. wide. **\$10.10 ea.**

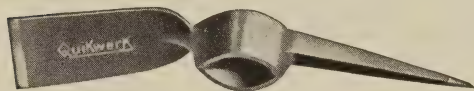


No. 23AE. **Light Weight Garden Mattock**
with 36 in. axe-eye handle (driven). **\$4.65 ea.**
Also see the Pulaski Mattock-Axe, page 43.

No. 21X
**CUTTER
MATTOCK**



Blade 3 in. wide; weight, 5 lbs. Standard pick or mattock eye.
Complete with 36 in. selected hickory handle. **\$6.00 ea.**



No. 20X
**PICK
MATTOCK**

Blade 3½ in. wide; weight, 5 lbs. With handle. **\$6.05 ea.**



No. W6. **RAILROAD PICK.** 6 lb. weight, 23 in. long.
Complete with handle. **\$5.70 ea.** **Extra Handles, \$1.60 ea.**



SOD TAMPER

With 4 ft. handle. 8 x 8 in. **\$8.00**
9 x 9 in. **\$10.00.** 10 x 10 in. **\$12.00**

Extra Tamper Handles, **\$3.35 ea.**

SPIKE-TAMP. For spiking the lawn
after seeding or fertilizing; reverse side for tamping. **\$10.50 ea.**

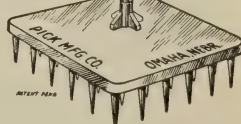
AN INDESTRUCTIBLE
ALL METAL TOOL
MADE OF QUALITY
MATERIALS.

WEIGHT 11½ POUNDS
OVERALL LENGTH 4
FT. PLATE 9 INCHES
SQUARE. SPIKES 1½
INCHES LONG.

USED AS SPIKER



USED AS TAMPER



SPADING FORKS



Diamond Back SPADING FORKS

- No. B4D Boys light weight Border Fork.....\$3.30 ea.
 No. OLD Medium weight, Steel D handle..... 3.80 ea.
 No. OHD Heavier weight, Steel D handle..... 4.20 ea.
 No. OH4 Heavier weight, 4 ft. long handle..... 4.20 ea.



- No. AHD. English Pattern with Square Tines, chisel pointed
 D handle (or long handle). Weight 5 lb. \$4.30 ea.



- MANURE FORKS. 4 Tine with 4½ ft. handle.....\$4.50 ea.
 5 Tine with D or 4½ ft. long handle..... 4.80 ea.
 6 Tine with D or 4½ ft. long handle..... 5.10 ea.
 Repair Handles for Forks, complete with ferrule. \$1.80 ea.

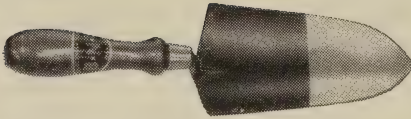


- No. 39D. SPUD or DOCK CUTTER. Blade 2½ in. wide.
 D handle as illustrated or long handle. \$6.00 ea.



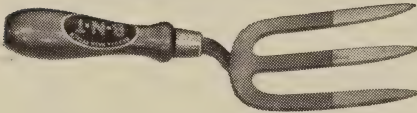
- No. SSS. PLANT SETTER. A rapid Tool for setting out
 tree seedlings. Heavy, sharpened blade, 4½ x 11 in. long.
 Weight, 7 lbs. \$7.50 ea.

TROWELS



ENGLISH Garden Tools

No. 645 Trowel, 6
in. with sharp point.
\$1.50 ea.



No. 642 Fork, 6 in.
\$1.30 ea.

Solid Forged Stainless Steel with mirror finish.
Trowel (as above), \$3.50. Fork, \$3.80. The Set, \$7.30

No. 211 FLORIST



A heavy duty Trowel of forged steel with sturdy ferrule and
handle. 6 in. \$1.65 ea. (Also comes with flat blade).



No. 870. MOLE. English fern or rock garden pattern with
heavy stainless steel blade. 7 in. \$1.75 ea.

CAVITY SLICKS OR SMALL TROWELS

No. 2. Cavity Slick.
 $\frac{5}{8}$ in. wide. \$1.55 ea.



No. 24. Taper and
Square

$\frac{3}{4}$ in. \$1 80 ea.
1 in. 2.00 ea.



No. 66. Taper and
Round Spoon

$1\frac{1}{4}$ in. \$2.35 ea.
 $1\frac{1}{2}$ in. 2.65 ea.



Pointing Trowel. 5 in. forged steel, wood handle. \$1.45 ea.

TROWELS

No. DSGT

Solid socket with wood handle. Blade $3\frac{1}{2}$ x 6 in. tempered and polished.

A Green Thumb Trowel, the finest produced. **\$1.65 ea.**



No. SGT

STRAIGHT SHANK

Solid socket extending straight out from blade. **\$1.65 ea.**



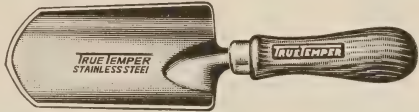
No. DST

True Temper 6 in.

\$1.25 ea.

STAINLESS STEEL

True Temper with fire hardened handle.



No. TS Trowel,
blade $3\frac{1}{4}$ x $5\frac{1}{2}$ in.

No. WS Cultiva-
tor, 3 prong, 8 in.
handle.



No. TTS Transplanter

Blade $2\frac{1}{4}$ x 5 in.

Price, \$1.50 each tool.



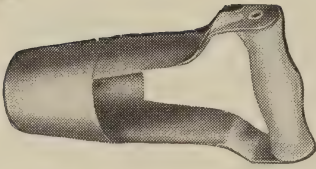
GARDEN CLUB HAND TOOLS

Heads finished in copper bronze. Palm fitting, fire hardened ash handles. Selection includes:

- | | |
|-----------------|-------------|
| 6 Trowels | GC20 |
| 4 Transplanters | GC21 |
| 4 Cultivators | GC22 |
| 4 Digging Forks | GC23 |
| 2 Hoes, 3 prong | GC24 |
| 2 Hoes, 2 prong | GC25 |
| 2 Rakes, 4 tine | GC26 |

Price, 79c each tool.

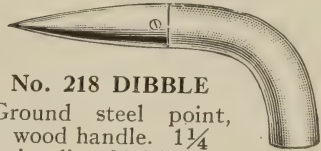
DIBBLES



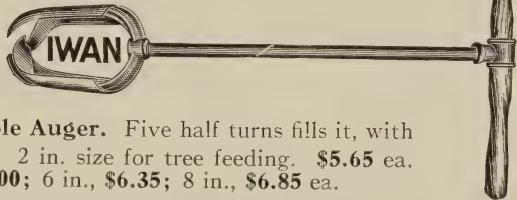
HOLE-IN-ONE. For setting bulbs and small pot grown plants. Approximately $2\frac{1}{4}$ in. diameter.
\$1.00 ea.



No. 218 DIBBLE
Ground steel point, wood handle. $1\frac{1}{4}$ in. dia., \$1.95 ea.



No. 217A. Transplanting Hoe-Trowel
(Left) Blade 7 in. long. \$1.85 ea.



IWAN Post Hole Auger. Five half turns fills it, with no dead center. 2 in. size for tree feeding. \$5.65 ea.
4 in., \$6.00; 6 in., \$6.35; 8 in., \$6.85 ea.

Also see the No. 95 Earth Auger, page 62.



Jiffy Planting Tool

Cuts up to 10 in. deep and draws the soil out by a twist of the tubular steel handle.
Enameled green. \$3.98 ea.



ENGLISH BULB PLANTING TOOL

The sharp steel cutter makes a $2\frac{1}{2}$ in. diameter hole for setting bulbs or plants from small pots. Also used for transplanting grass. Price, with 30 in. handle, \$13.90.

HAND WEEDERS



No. BW1. HOT BED WEEDER
A fast working tool with three positions. \$.85 ea.

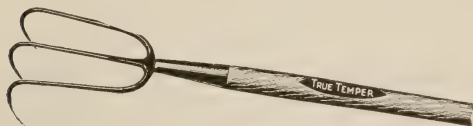
No. 3W Triangular Weeder. 3 in. wide
\$1.25 ea.

New 4½ in. size, \$1.75



No. 714. Gardex Midget.
2¾ in. wide with weeding blade.
\$.65 ea.

No. 717. HAND BROOM
Spring-wire fingers, 15½ in. as
illustrated, \$.75 ea.
With 3½ ft. handle, \$1.50 ea.



**No. E
Easy Mulcher**
With short grip
handle. \$1.25 ea.

No. EL4. With 4 ft. handle as illustrated 1.60 ea.

No. 25N Fishtail Weeder
12 in. with curved blade
\$.69 ea.



No. 40N Weeder. The No. 25N with 3½ ft. handle. \$1.05 ea.

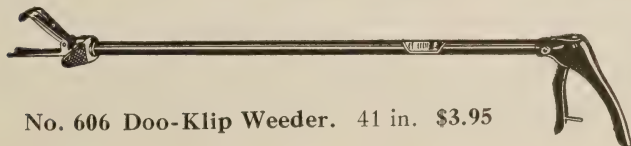


**No. 19
ASPARAGUS
KNIFE**

Or Fishtail Weeder. 14 in. heavy duty pattern. \$.75 ea.

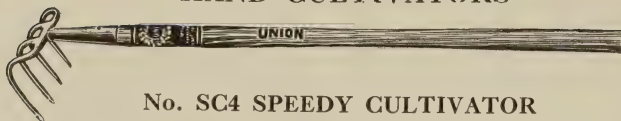


No. DW. Dandelion Digger. 3½ ft. handle. \$1.15 ea.



No. 606 Doo-Klip Weeder. 41 in. \$3.95

HAND CULTIVATORS

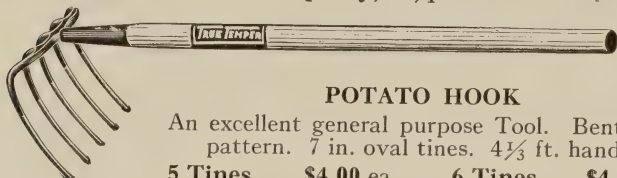


No. SC4 SPEEDY CULTIVATOR

For seeding and cultivation; use an easy drawing stroke.

5 in. wide; 4 $\frac{1}{3}$ ft. polished handle. **\$3.10 ea.**

No. FW3. Three Tine Speedy, 3 $\frac{1}{4}$ in. wide. \$2.80 ea.



POTATO HOOK

An excellent general purpose Tool. Bent head pattern. 7 in. oval tines. 4 $\frac{1}{2}$ ft. handle.

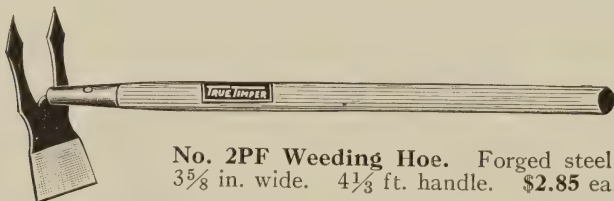
5 Tines.....\$4.00 ea. 6 Tines.....\$4.25 ea.



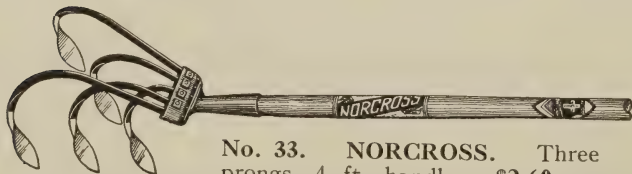
No. 59. One Prong 4 ft. handle, \$1.20; short handle. \$.55 ea.



No. SL23. SOIL-KNIFE Hoe. For close cultivation; the gooseneck reaches around the plants. 4 ft. handle. **\$2.50 ea.**



No. 2PF Weeding Hoe. Forged steel. 3 $\frac{5}{8}$ in. wide. 4 $\frac{1}{3}$ ft. handle. **\$2.85 ea.**



No. 33. NORCROSS. Three prongs, 4 ft. handle. **\$2.60 ea.**

No. 55. Five Prong Norcross. 8 $\frac{1}{2}$ in. cultivating width; the center prong can be removed for straddling the row. 4 ft. handle. **\$3.10 ea.** Extra Prongs, **25c ea.**

SCUFFLE HOES



DUTCH SCUFFLE HOE

Solid forged blade imported from England and assembled with
5 ft. selected ash handle.

4 in.	\$3.10 ea.	6 in.	\$3.45 ea.
5 in.	3.25 ea.	7 in.	3.60 ea.



DIAMOND POINT PUSH HOE

A combined scuffle hoe, weeder and lawn edger.
Beveled, serrated blade 6 in. wide; 4½ ft. handle. **\$2.75 ea.**



No. FS6½ FLORAL SCUFFLE HOE

Pointed blade 6½ in wide. **\$2.25 ea.**



No. A25. Single Shank SCUFFLE HOE. Blade 7½ in. wide.
5 ft. handle. **\$3.70 ea.**

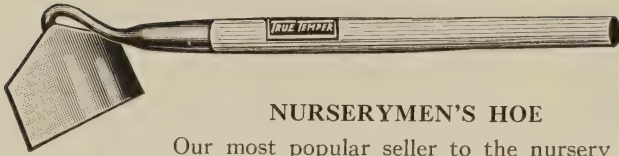
No. 140. RAPID HOE

The swivel joint works like a pendulum,
automatically placing the hoe blade in posi-
tion to work forward and backward.

8 in. blade, 5 ft. handle. Price, **\$4.10**
Extra blades, **50c.**

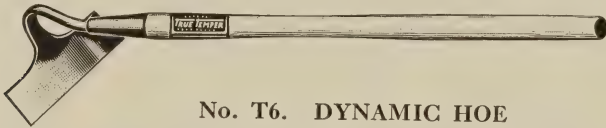


NURSERY HOES



NURSERYMEN'S HOE

Our most popular seller to the nursery trade. Strong socket with $4\frac{1}{3}$ ft. straight grained handle. 3 sharp edges.
No. 5. 5 in. blade, \$2.90; No. 6. 6 in., \$3.00; No. 7. 7 in., \$3.05 ea.



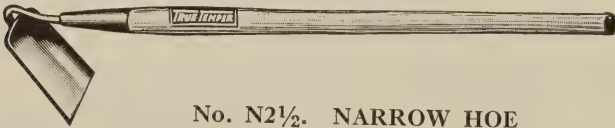
No. T6. DYNAMIC HOE

6 in. blade, $1\frac{3}{4}$ in. deep with spring neck, \$2.85 ea.
No. S71. Square Top Onion Hoe. 7 in. blade, \$2.95 ea.



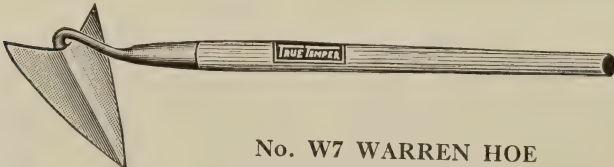
GARDEN HOE

Standard for farm and garden. Socket pattern, $4\frac{1}{3}$ ft. handle.
No. G06—6 in.\$3.00 ea. No. G07—7 in.....\$3.05 ea.
No. T06. Dynamic Garden, blade $2\frac{3}{4}$ in. deep. \$3.00 ea.
No. M08. Meadow Hoe. 8 in. blade, $3\frac{1}{2}$ in. deep. \$3.10



No. N2½. NARROW HOE

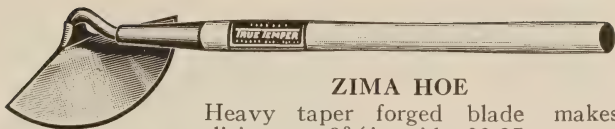
A well balanced little hoe with $2\frac{1}{2}$ in. blade and 4 ft. selected ash handle. Saves cutting good hoes down. \$2.55 ea.
No. LY5. Floral Hoe. Wider 5 in. blade. \$2.55 ea.



No. W7 WARREN HOE

For drilling seed, covering furrows, hilling and cultivating. \$3.05 ea.
Repair Handles for socket hoes, \$1.10 with ferrule, \$1.15 ea.

MATTOCK HOES



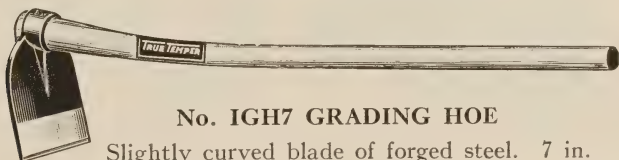
ZIMA HOE

Heavy taper forged blade makes slicing cut. $9\frac{3}{4}$ in. wide, \$3.25 ea.



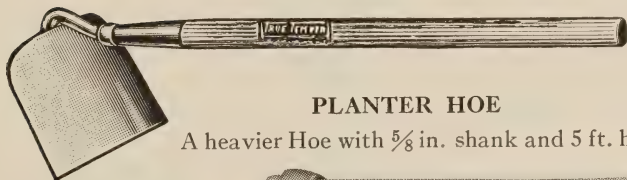
No. DE3. DIGEZY. Light weight pattern. Blades $1\frac{3}{4}$ and $3\frac{1}{2}$ in. wide, $4\frac{1}{2}$ ft. handle. \$3.50 ea.

Extra Handles, \$1.40 ea.



No. IGH7 GRADING HOE

Slightly curved blade of forged steel. 7 in. wide. Complete with $3\frac{1}{2}$ ft. hickory handle, \$5.00 ea. Extra Handles, \$1.95 ea.



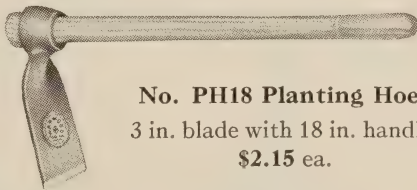
PLANTER HOE

A heavier Hoe with $\frac{5}{8}$ in. shank and 5 ft. handle.

Planter Hoe

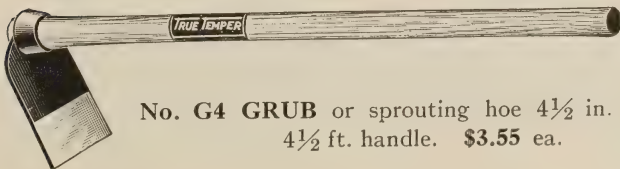
No. P55—5 in. \$2.90

No. P65—6 in. \$2.95



No. PH18 Planting Hoe.

3 in. blade with 18 in. handle. \$2.15 ea.



No. G4 GRUB or sprouting hoe $4\frac{1}{2}$ in. blade, $4\frac{1}{2}$ ft. handle. \$3.55 ea.

LAWN RAKES

SPRING RAKE by Disston

The only Rake with a flexible "back-bone" taking the strain off the teeth. Packed $\frac{1}{2}$ dozen.

No. D18-18 $\frac{1}{2}$ in. wide. \$3.50 ea.

No. D24-22 in. wide. \$4.10 ea.

Extra Handles—65c and 70c ea.



LAWNCOMB. Replaceable flat teeth of ample length and capacity. Olive green.

No. LC18-18 in. wide. \$3.50 ea.

No. LC24-24 in. wide. \$4.10 ea.

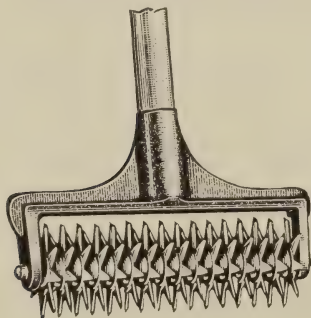
Extra Teeth—\$1.10 dozen

No. DL 22 DYNAMIC

For raking with a pulling motion. 19 in. wide, 2 in. hook to the spring steel teeth. \$2.45 ea.



No. FBR22 Brume Rake. The original fan shape. \$1.95.



No. ABR22 Broom Rake

Adjustable 11 $\frac{1}{2}$ to 20 in. Green Thumb. \$2.15 ea.

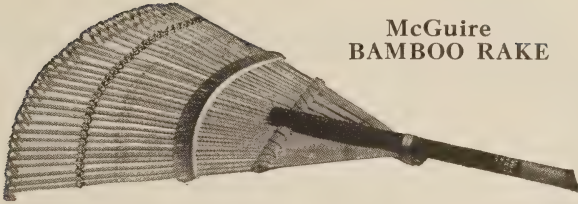
GARDEVATOR

A new garden tiller with revolving discs for freshening the soil, preparing the ground for seeding and for putting the seed safely underneath.

Wt. 4 $\frac{1}{2}$ lb. w/handle. \$4.95

WOOD RAKES

McGuire BAMBOO RAKE



American made with arched metal grip and spiral teeth links.
 Light wood handle. 10 in. Shrub Size, \$.75 ea.
 18 in. Home Size, \$1.50 ea. 24 in. Estate Size, \$2.00 ea.
 30 in. Park Size, \$2.75 ea.

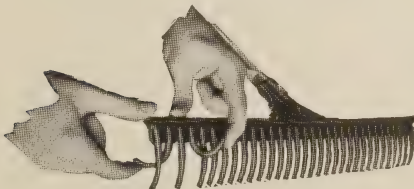
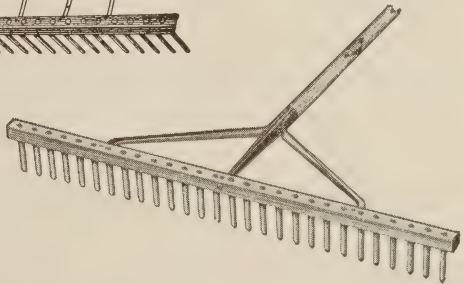


No. 37
WOOD Lawn Rake
 28 hickory teeth, 3
 aluminum bows as il-
 lustrated, 6 ft. handle.
\$2.55 ea.

Extra Wood Teeth, 50c dz.

No. 60 Wood Grading Rake

28 short, stubby
 teeth with heavy
 steel bow.
 Assembled. **\$2.95**

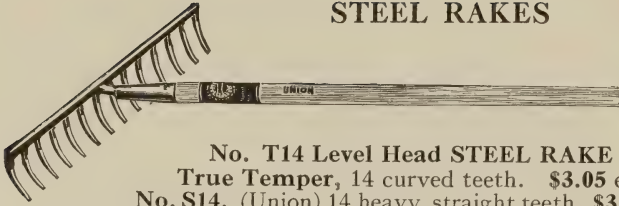


Gumfinger

The safe Rake with
 flexible rubber teeth.
 Does not clog nor spear
 leaves.

16 in., \$2.69. 20 in., \$2.95. 24 in., \$3.29 ea.

STEEL RAKES



No. T14 Level Head STEEL RAKE

True Temper, 14 curved teeth. \$3.05 ea.

No. S14. (Union) 14 heavy, straight teeth. \$3.05 ea.

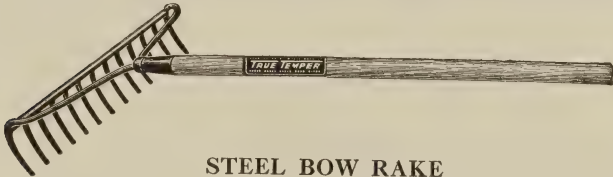
No. L16. (Union) 16 heavy, curved teeth. \$3.20 ea.

No. G16. Lawn-Maker Rake 16 straight teeth, $1\frac{7}{8}$ in. long.
(Nos. T14, S14 and L16 have teeth $2\frac{3}{4}$ in. long). \$3.40 ea.

Repair Handles, 5 ft. with ferrule, \$1.35. $5\frac{1}{2}$ ft., \$1.50 ea.



No. FR8. FLORAL RAKE. $7\frac{3}{4}$ in. wide. \$2.00 ea.



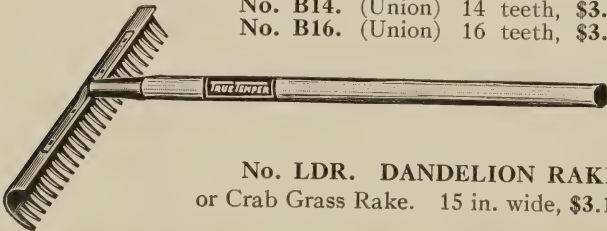
STEEL BOW RAKE

No. B12. Garden Club size, 12 teeth, \$3.00 ea.

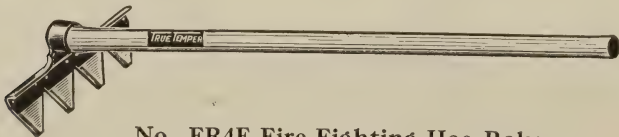
No. B15. True Temper, 15 teeth, 15 in. wide. \$3.30 ea.

No. B14. (Union) 14 teeth, \$3.25 ea.

No. B16. (Union) 16 teeth, \$3.45 ea.



No. LDR. DANDELION RAKE
or Crab Grass Rake. 15 in. wide, \$3.10 ea.



No. FR4E Fire Fighting Hoe-Rake

Mower section blades; $4\frac{1}{2}$ ft. handle. \$5.95 ea.

PLANT LABELS

WOOD LABELS of selected Soft White Pine.

Copper Wired (also galvanized) standard size, $3\frac{1}{2}$ x $\frac{5}{8}$ in.

Plain —\$4.00 per 1,000.

Painted—\$4.90 per 1,000.
or 70c per 100.



POT LABELS

$\frac{5}{8}$ in. wide.

Price for Plain Wood Pot Labels. 4 in.\$3.40 per 1,000
6 in., \$4.00; 8 in., \$5.80; 10 in., \$7.00; 12 in.\$8.10 per 1,000

Price for Painted (one dip coat) 4 in.\$4.00 per 1,000
6 in., \$4.80; 8 in., \$7.20; 10 in., \$8.40; 12 in.\$9.90 per 1,000
4 and 6 in. packed 1,000; 8, 10 and 12 in., 500

Price for Painted Pot Labels per 100

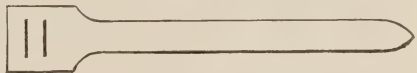
4 in., 60c. 6 in., 70c. 8 in., 90c. 10 in.\$1.00

GARDEN STAKES. **Plain**, 8 x $\frac{7}{8}$ in. wide.....\$2.15 per 250
10 x $\frac{7}{8}$ in., \$2.45 per 250; 12 x $1\frac{1}{8}$ in.\$1.65 per 100

Painted, 8 x $\frac{7}{8}$ in. wide.....\$2.45 per 250
10 x $\frac{7}{8}$ in., \$2.80 per 250; 12 x $1\frac{1}{8}$ in.\$1.90 per 100

Wood Label Pencils. Weatherproof. 15c ea.; \$1.50 doz.

Waterproof
PAPER LABELS
10 to the sheet.



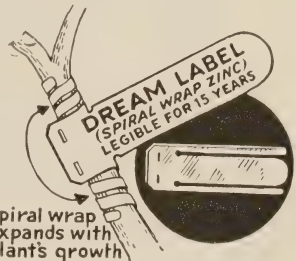
White—\$1.90 per 1,000; 5,000 @ \$1.65; 10,000 or more, \$1.45
Add 30c per M for Colors—Red, Orange, Yellow and Blue.

The New DREAM LABEL

A heavy Zinc Label that can be attached to plant, pot, stake or bin and that stays attached and legible for years.

Kit of 24 Dream Labels with
Etchant. 95c.
Kit of 50, \$1.65.

Nursery Unit of 1000, \$21.50.
Extra Labels, \$2.50 per 100.



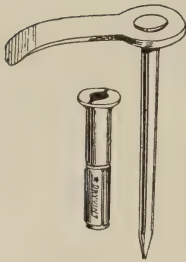
Spiral wrap
expands with
plant's growth



Copper Foil Label. $\frac{3}{4}$ in. wide
x $3\frac{3}{4}$ in. long with copper wires
(not attached). Pencil or stylus
makes indentation.

\$3.20 per 100. \$29.00 per M.

PLANT SUPPORTS



VYN-TACH HOOKS

For attaching vines and climbing roses to brick or masonry. **Box of 25** complete with Dryvin Shells, Hamrtwist Drill and Holder, **\$4.50**

Box of 100.....**\$11.20**

Larger size with 2½ in. hook.

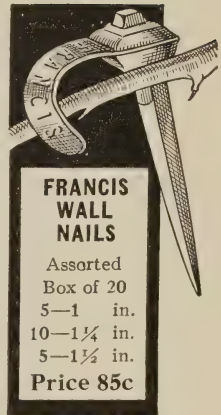
Box of 25 complete.....**\$ 5.60**

Box of 100.....**\$13.70**

Francis or English WALL NAILS

Soft aluminum hook and steel nail for either wood or brick. Price per 100

1¼ in., **\$4.00**; 1½ in., **\$4.50**; 2 in., **\$5.50**



FRANCIS WALL NAILS

Assorted

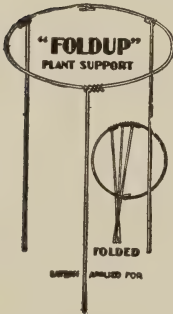
Box of 20

5—1 in.

10—1¼ in.

5—1½ in.

Price 85c



FOLDUP Plant Support

15 in. dia. with three 28 in. galvanized stakes. Ideal for peonies. **\$4.95 doz.**

S. L. N. Flower Stake

A single twist engages the flower stalk. Enameled green.

	12	25	100
18 in.	\$1.35	\$2.70	\$10.50
24 in.	1.55	3.10	12.00
36 in.	1.85	3.70	14.50
48 in.	2.20	4.40	17.00

PAT. NO. 1,916,305.

S. L. N. WIRE PLANT STAKE

SHRUB GUARD (Right) →

The 3 invisible black wire prongs protect 2½ feet of evergreens from dogs.

\$3.85 doz.



GARDEN GUARDS or Steel Wickets

21 in. high by 13 in. wide. Enameled green, **\$2.85 doz.**



'TWIST-EMS'

The Handy Plant-Tie

Home Garden Packages

200—4 in. or 100—8 in., 25c

100—16 in., 50c

24 packages to Counter Display.

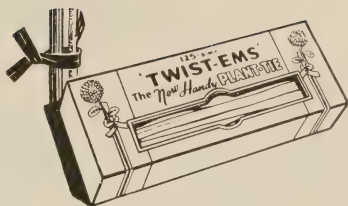
For Growers, in bundles of 250

Price per M	1,000	5,000	10,000	25,000
4 in.	\$ 1.00	\$.95	\$.90	\$.85
6 in.	1.35	1.25	1.20	1.15
8 in.	1.75	1.65	1.55	1.50
12 in.	2.65	2.50	2.40	2.30
16 in.	3.50	3.30	3.10	2.95

New 6 in. size is red.

All other sizes green.

F. O. B. Piqua



**CUT OFF
AS NEEDED**

**250 ft. Continuous Roll of
Twist-Ems. \$1.00 ea.**

**No. 2
Garden
Reel
14 in.**

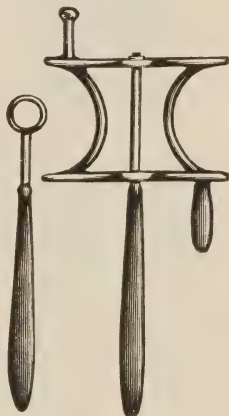
Reel holds 600 ft. of No. 3½ or 300 ft.
No. 4½ Line. **\$4.90 ea.**

WATER-PROOF PLANTING LINE.

A high grade tightly braided water-proof
cotton line in 50 foot **connected** hanks.
No. 3½, **\$1.25**; No. 4½, **\$2.00** per 100 ft.



No. 3½ (Actual Size)



PLANT STAKES. Galvanized hard alloy steel with eye.
For staking trees and evergreens. Can be used many times.

Gauge	Length	Per Doz.	Per 100	Weight
No. 8	30 in.	\$.95	\$ 6.50	18 lbs.
No. 6	48 in.	1.80	12.50	40 lbs.
No. 6	60 in.	2.20	15.00	50 lbs.
No. 4	72 in.	3.50	24.00	80 lbs.

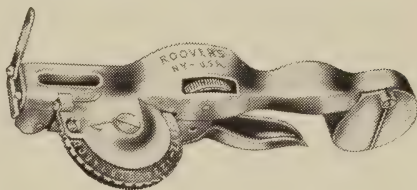


FENCE ROD. Heavy ¼ in. steel, 48 in. long, enameled green.
Run wire or rope through the loops. **\$2.95 doz.**

NURSERY SUPPLIES

Roovers LABEL EMBOSSER

Permanently identify your planting by raised letters on monel metal. New self-contained punching device. Ask for Sample Label.



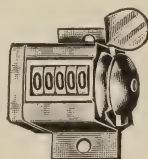
Price, loaded with full roll of tape and inc. Federal Tax, **\$32.95**.

Extra 25 ft. Rolls Monel Metal Tape, 3 for **\$3.90**.

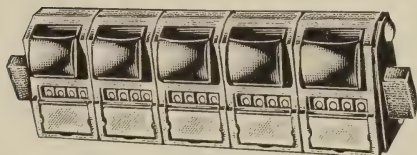


NURSERY ROW COUNTERS

Hand Tally Counter (left). Standard model for rapid counting, with reset or turnback feature. **\$8.65 ea.**



Ratchet Counter (right). Can be mounted 3 or more on clip board; no reset. **\$4.80 ea.**



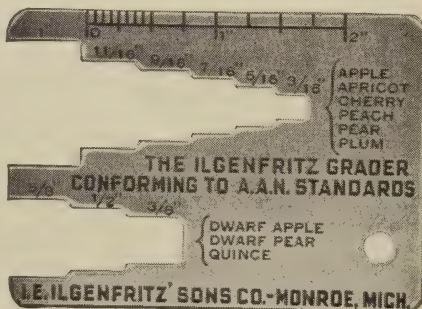
Veeder-Root VARY - TALLY

With instant reset feature.

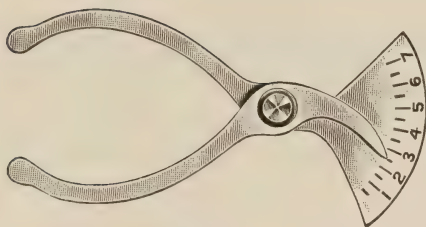
Panels provided for inserting size, grade or other key information. Can be held in hand or mounted. Also available in larger units up to 72. (Full description on request).

Price, 3 Unit, **\$23.60**; 4 Unit, **\$30.10**; 5 Unit, **\$36.60**

Ilgenfritz Fruit Tree Grader. Designed to meet the standards set by the American Association of Nurserymen. Brass, $3\frac{1}{4}$ in. long. **\$2.25 ea.**



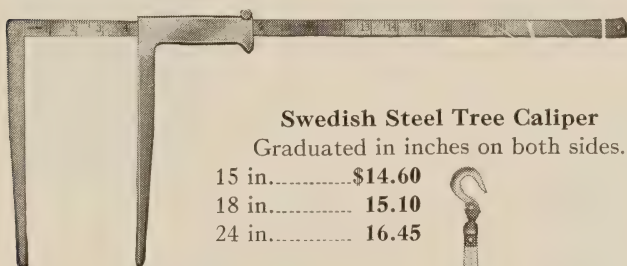
NURSERY SUPPLIES



DRESCHER TREE CALIPER

Accurate measurement from $\frac{1}{2}$ in. to 8 in. Handy pocket size, $9\frac{1}{2}$ in. long. Aluminum alloy. \$5.75 ea.

No. 146P Diameter Tape. Gives direct reading up to 23 in; other side 72 in. rule. Push button case. \$3.25 ea.



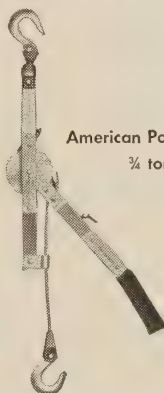
Swedish Steel Tree Caliper

Graduated in inches on both sides.

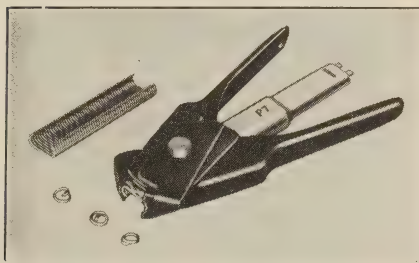
15 in.....	\$14.60
18 in.....	15.10
24 in.....	16.45

American POWER PULL

A Bantam Weight Hoist—Puller for tree moving operations. Tested at 50% overload, automatic let down. $\frac{3}{4}$ Ton Model with 12 ft. lift; wt. 6 lb. \$25.00
 $1\frac{1}{2}$ Ton Model with 6 ft. lift. 35.00



American Power-Pull
 $\frac{3}{4}$ ton



BOSTICH P7 Hog Ring Type Stapling Plier

A new, one hand method of pinning burlap in balling.

Also useful for tying heavy twine and fastening cloth covers to wire frames. Pointed Staples have $\frac{1}{2}$ in opening.

Price, \$10.50. Box of 2,500 Staples, \$2.90.

NURSERY SUPPLIES

WILT-PRUF

Prevents Winter burn
and Summer-scald

The safe anti-transpirant acclaimed by leading nurserymen for use in transplanting and propagating and as a protection against wind and sun damage. A liquid plastic concentrate applied by ordinary spray methods. 6 oz. Squeeze Bottle, **\$1.00.**

(Quart of Concentrate makes 25-30 refills).

Quart, **\$3.50** Gallon, **\$10.00.** Five Gallon, **\$30.75**

TWINE—NURSERY JUTE

A soft brown tube rope for tying trees and shrubs. 4-ply, 250 lb. test.
10 lb. Balls, **68c lb.**

Jute Wrapping or Sewing Twine

3 ply— $\frac{1}{2}$ lb. Balls (85 lb. test)....**40c ea.**

4 ply— 5 lb. Balls (120 lb. test)....**75c lb.**

WHITE SISAL. Draws up nicely; this is the kind of Twine that we use. Bale of 20 Balls takes price for Reels.

2-Ply Fine, 260 lb. test. 5-6 lb. Balls, **52c lb.** 50 lb. Reels, **47c lb.**

3-Ply Medium. Twice as strong for balling large trees.

5-6 lb. Balls, **51c lb.** 50 lb. Reels, **46c lb.**

RAFFIA XXX Superior. A popular grade in tight twisted hanks of 13 to 16 oz.
Price per hank, **90c.** 10 lb. or more **75c lb.**

Waxed

GRAFTING THREAD

Per tube about 6 in. long,
75c

BEMIS EROSIONET

$\frac{1}{4}$ inch open mesh of tightly twisted paper twine. Holds the seed or sod firmly in place, preventing erosion, especially on terraces. Easily removed after the grass is established. 45 in. wide.
Price per 250 yd. Roll,
Wt. 100 lbs. **\$42.50**



NURSERY SUPPLIES

Balling or PINNING NAILS (American)



For pinning the burlap around balls of earth. Faster and more economical than common boxing nails (approx. 352 pieces to the lb.) large $\frac{1}{4}$ in. head gives greater security. Illustration shows actual size and needle point of the **Standard 2 in. (6d) Size**. Some of our customers are also using a special size, $2\frac{1}{4}$ in. (7d) with $\frac{9}{32}$ in. head. **Price for 100 lb. Cartons.**

Standard 6d, **\$18.90**. Special 7d, **\$17.90**

Smaller lots—5 to 10 lb. **22c**; 20 to 50 lb. **20c** lb. FOB Piqua.



SEWING NEEDLES

These sewing Needles come from England and the supply is limited. 5 in., **\$1.00**; 6 in., **\$1.40**; 7 in., **\$2.00**; 8 in., **\$2.50** doz.

HANDY TWINE KNIFE

A clever little tool worn on the little finger of the left hand (if you are right handed).

Sizes: 4, 5, 6, and 7 for women.

Sizes: 8, 9, 10, 11, 12 and 13 for men.

Price, 30c ea., \$3.00 dozen.



TREE WRAP

A Waterproof Kraft Paper crinkled to $33\frac{1}{3}\%$ stretch. Protects newly set fruit and shade trees against sun scald, loss of moisture and insect attacks. Wrap from top down. 8 in. dia. Rolls containing 50 yards.

10 Rolls, 4 in., weigh 23 lbs.

Price	Less Bundle than of
per Roll	10rolls 10rolls
3 in. wide .. \$.80	\$.70
4 in. wide .. 1.00	.90
6 in. wide .. 1.50	1.35

Crinkled Duplex in
Rolls for wrapping roses,
shrubs and trees. 200 yd.
Roll 36 in. wide, **\$21.00**
Roll 48 in. wide, **28.00**

GRAFTING SUPPLIES



Genuine Trowbridge GRAFTING WAX

The oldest and best known grafting wax on the market. May be applied by the warmth of the hands, or by brush and melting pot. Instructions for grafting and top working fruit trees printed on each package.

$\frac{1}{4}$ lb. Pkg., 40c. $\frac{1}{2}$ lb. Pkg., 60c. 1 lb. Pkg., 90c.
10 lb. Bulk Package \$7.40

Clark's Nursery Dip Wax. A scientifically blended elastic wax for the coating of dormant nursery stock. 9 lb. Package, \$3.50.

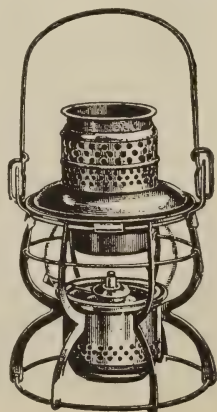
TREEKOTE. A black emulsion paste for pruning and grafting.
 $\frac{1}{2}$ Pint, 50c. Pint, 75c. Quart, \$1.00

NURSERY GRAFTING TAPE

Resembles adhesive tape but its light cloth backing decomposes before the danger of girdling. Extensively used in difficult budding and grafting operations; effectively controls root graft knots.

60 Yard Rolls

$\frac{1}{4}$ in. wide.....	\$.95
$\frac{1}{2}$ in. wide.....	1.25
$\frac{3}{4}$ in. wide.....	1.55
1 in. wide.....	1.90



MERRIBROOKE Lantern Melter

Handles nicely any kind of wax and is recommended by leading Agricultural Colleges. Use slow burning kerosene. Capacity approx. 1 pint. Price, \$8.90

RUBBER STRIPS

For Budding and Grafting

Not just strips of rubber cut to a convenient length, but a product of horticultural science perfected after many years of research by the largest growers in the U. S. in cooperation with the Goodrich laboratories.

ADVANTAGES

- (1) **FASTER APPLICATION.** No preparation. Easily and quickly attached.
- (2) **EVEN PRESSURE.** Over entire bound area, expanding with growth.
- (3) **GREATER PROTECTION.** Buds knit faster, and a better stand assured.
- (4) **SELF RELEASING.** Deteriorate in 2 to 3 weeks, automatically loosening.



Size	Length	Width	Gauge	Pcs. to the Lb.
No. 410	4 in.	$\frac{3}{16}$ in.	.010	2800
No. 510	5 in.	$\frac{3}{16}$ in.	.010	2250
No. 416	4 in.	$\frac{3}{16}$ in.	.016	2250
No. 516	5 in.	$\frac{3}{16}$ in.	.016	1700
No. 514	5 in.	$\frac{1}{4}$ in.	.016	1200
No. 420	4 in.	$\frac{3}{16}$ in.	.020	1800
No. 520	5 in.	$\frac{3}{16}$ in.	.020	1450
No. 620	6 in.	$\frac{3}{16}$ in.	.020	1080
No. 838	8 in.	$\frac{3}{8}$ in.	.020	450

Recommendations for Budding. In the North Central States for fruit stocks the Nos. 410, 510, 416, 516 and 514; for roses the Nos. 510 and 516. Tennessee growers favor the Nos. 416 and 516 or medium weight; and down in the Gulf States the citrus growers use the Nos. 520, 620 and 838.

For Grafting roses and evergreens the Nos. 410 and 510 light weight strips; for more difficult fruit and nut tree grafts any one of the heavier sizes.

PRICE LIST—F. O. B. Piqua

Trial lots, 30c oz. Standard Packages of 5 lb. of a size. .010 Gauge, **\$2.50 lb.** .016 Gauge, **\$2.30 lb.** .020 Gauge, **\$2.15 lb.**

For lots of 1 to 4 lb. add 15c per lb. and postage.

Write for prices on 25 lbs. or more.

AMATEUR GRAFTING KIT. Contains the No. 205 Budding and Grafting Knife, 8 oz. Grafting Wax, 60 yd. $\frac{1}{2}$ in. Grafting Tape, 250-300 Rubber Budding Strips in 4 sizes and full Instructions. **Price, \$5.50**

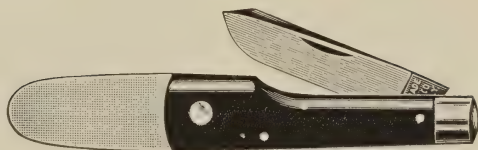
Or complete with Grafting Chisel for top working fruit trees, **\$7.00**

BUDDING KNIVES

No. 11 (Schrade)

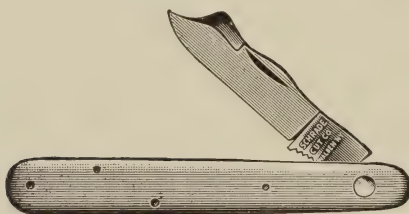
English pattern, finely finished. Brass lining. $4\frac{1}{2}$ in. with opener of

bone, \$3.50. With opener of stainless steel (Case), \$4.50 ea. No. 755. Henckel Twin Brand. Smaller 4 in size. \$4.90 ea.



No. 13544 (Schrade)

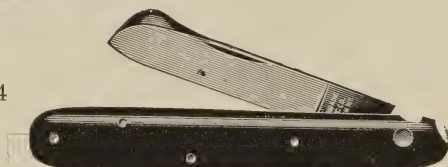
A fine reproduction of the Kunde. Heavy lining and blade rivet. White or black handle. 4 in. \$3.25 ea.



No. 780 Twin Brand

German import with 4 in. ebonite handle.

\$4.25 ea.



No. 777. Wider blade with straight edge. $4\frac{1}{8}$ in. \$4.25 ea.



No. 205 (Camillus)

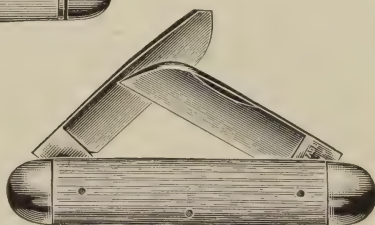
4 in. curved handle with shackle. This Knife is included with Amateur Grafting Kit (page 25). \$2.90 ea.

No. 21SH FLORIST

Budding and grafting blades; strongly constructed with white handle. (Schrade).

\$3.25 ea.

No. 727 Twin Brand. A more slender Florist Pattern. \$4.50 ea.



GRAFTING KNIVES

No. 13545

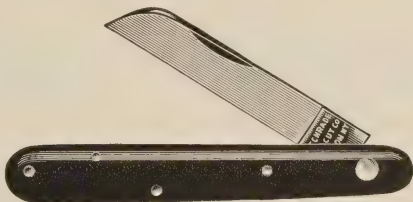
(Schrade)

Kunde Pattern with heavy brass lining. 4-in. black or white handle. **\$2.75 ea.**

This Knife is also made for Left Hand (black) **\$3.00.**

No. 778 **Twin Brand.** German import with black handle. **\$3.50**

No. 781. Smaller $3\frac{1}{2}$ in size; narrow, beveled blade. **\$3.50**



No. 15C

Small pocket size $3\frac{1}{4}$ in. with really good steel in the blade. Cocobola or white handle.

\$2.00 ea.

With Pearl handle, **\$4.00**



No. S198

A popular Knife for Florists. White handle "Say it with Flowers"

\$2.25 ea.

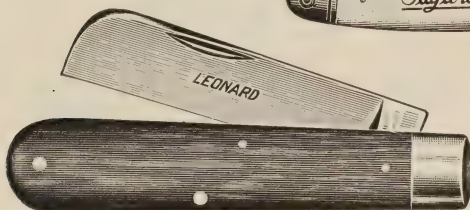


No. R1568

Propagating

A strong pattern with wide, square end blade. 4 in.

\$2.25 ea.

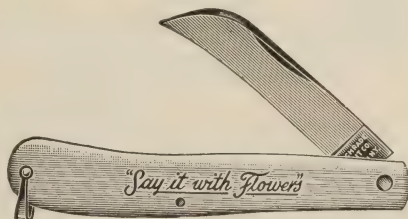


No. S194CB

Cutting Knife with curved blade as shown.

\$2.25 ea.

No. S194B with budding blade. **\$2.25 ea.**



PRUNING KNIVES

No. 13SH

(Schrade)

A nice 4 in. pocket size
with cocobola handle.

\$2.50 ea.

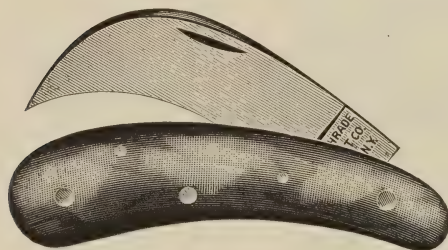
No. 113. (Camillus).

With brass blade lock.

4 in. **\$2.75 ea.**



No. 13C. Wider blade than illustrated above. 4 in. walnut
handle with hole in end, brass lining and very finely finished.
(Case) **\$3.00 ea.**



No. 123EW

The Kunde Pattern as
reproduced by Case,
Thick brass lining.
large rivets. $4\frac{5}{16}$ in.
\$4.75 ea.

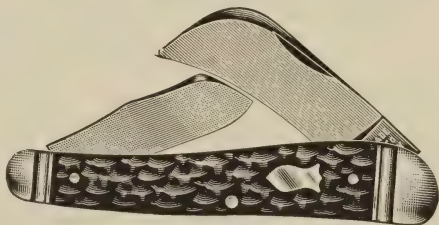
The No. 630 Tina in
the same size. **\$4.75 ea.**

No. 303. B. & P.

(Schrade)

Two blades for bud-
ding and pruning.
 $4\frac{1}{8}$ in. stag handle.

\$3.50 ea.



No. 1060

(Schrade)

A long blade with
strong steel lining.
 $4\frac{5}{8}$ in. cocobola
handle. **\$2.90 ea.**

KNIVES

TINA BRAND - FINEST GERMAN IMPORT

No. 641 Budding



Standard pattern with curved walnut handle. 4 in. \$3.40 ea.

No. 641C With straight black handle, brass lining. 2.90 ea.



No. 650E Budding

Genuine black bone handle with tapered point. 4½ in. \$3.75 ea.

No. 549 Budding



Walnut handle with folding brass opener. 4 in. \$4.25 ea.

No. 645F Light pattern with black handle. 3½ in. 3.90 ea.



No. 605 Grafting

Standard pattern with curved walnut handle. 4 in. \$3.40 ea.

No. 605C With straight black handle like No. 13545. 2.90 ea.

No. 600A Heavier pattern with curved walnut handle.
4½ in. \$4.25 ea.

No. 608 Grafting



For evergreens and camellias; walnut handle. 4 in. \$3.40 ea.

No. 608C With straight black handle, brass lining. 2.90 ea.



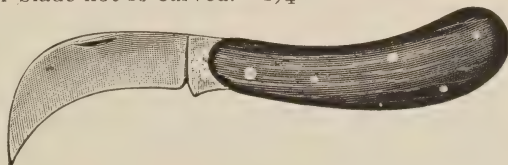
No. 620 Pruning

Blade curved as illustrated; walnut handle. 4 in. \$3.95 ea.

No. 615 Longer blade not so curved. 4¼ in. 3.95 ea.

Standard Pruning Knife

See Page 34



No. 626 Medium heavy pattern, not curved quite so much as shown above. Very popular. 4¼ in. with brass lining. \$4.25 ea.

No. 635 Extra heavy pattern with more hook. 4¾ in. \$5.75 ea.

KNIVES for GROWERS

JONES PATCH BUDDER

Cuts a patch $\frac{1}{2}$ x 1 in. Razor steel blades, aluminum handle. Full directions furnished. **\$2.00** ea.

Extra Blades, 50c per set



**No. 671 Tina
PECAN BUDDER**

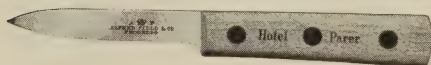
Two blades set $1\frac{1}{8}$ in. apart or spacing can be changed.
Walnut handle with brass opener. **\$3.40** ea.



Berry Hook.
30 in. **\$2.00** ea.

Tiffany GRAFTING TOOL

For top working fruit trees.
Forged Steel, 6 in. **\$2.00** ea.



**No. 403. Dahlia
Dividing Knife**

An all purpose garden and paring knife. 7 in. 50c ea.



**No. S151 Flower
Cutting Knife**

Stainless steel blade with brown handle. $5\frac{1}{2}$ in. 65c ea.



MACHETES

In Central and South America you will find Collins Machetes being used for every conceivable cutting purpose. Now we are beginning to find many uses for these tools in our own country.

No. 128 As illustrated, 22 in., **\$2.95** Leather Sheath, **\$3.50** ea.

No. 127 With wider blade, 17 in., **\$2.85** Leather Sheath, **\$3.00** ea.

How to Sharpen a Knife. Use a fine or medium oil stone or whetstone—never use a coarse stone or dry grinding wheel. Draw the blade against the cutting edge from heel to point, holding the blade at an angle of 15 to 20°. Put a drop of oil in each joint of folding Knives to prevent spring breakage.

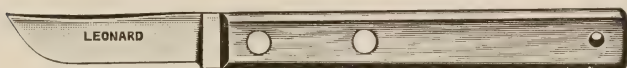
KNIVES

STATIONARY BLADED

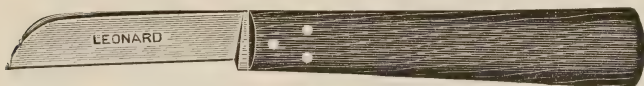


No. 9C BUDDING BLADE. (Case No. 533). Standard 6 in. size. Tested hardness and finely finished. **\$1.75 ea.**

No. 9W Budding. German import like above. **\$1.40 ea.**



No. 9X Budding. A new Schrade Knife with heavier, flat-sided cocobola handle. 6 in. **\$1.20 ea.**



No. 8 1/2 C SMALL GRAFTING. (Case No. 533). Fine for making scion or cuttings. 6 in. with oval handle. **\$1.75 ea.**

No. 8 1/2 W Grafting. German import like above. **\$1.40 ea.**



No. 8 1/2 X Grafting. (Schrade). 6 1/2 in. with strongly riveted blade in flatsided handle. **\$1.20 ea.**



No. 8 JUMBO GRAFTING. Heavy 3 in. blade, overall length 7 3/4 in. Oval walnut handle. **\$2.40 ea.**



No. 7 PRUNING BLADE. An old favorite of finest quality. Heavy, oval walnut handle. 7 3/4 in. **\$2.50 ea.**

Leather Sheath for the No. 7, 90c ea.

SHARPENING STONES

CARBORUNDUM POCKET STONES

No. 149. 3 x $\frac{7}{8}$ x $\frac{3}{8}$ in. thick,
fine grit. 40c ea. \$4.15 doz.

No. 102. Carborundum Hone.
4 x $1\frac{1}{2}$ in. Made of extra fine
selected powder. \$1.45 ea.



No. 940. Tina Sharpening Stone. A fine artificial Stone of
German import. 4 x $1\frac{1}{2}$ x $\frac{3}{4}$ in. thick, one side rounded for
pruning knives, other side flat for budding and grafting knives.
\$1.65 ea.

ARKANSAS POCKET STONES

For a keen edge use these
natural white stones.

1 in. wide x $\frac{1}{4}$ to $\frac{3}{8}$ in. thick.

	Soft	Hard
3 in.	\$1.05	\$2.05 ea.
4 in.	1.25	2.45 ea.



SCYTHE STONES

Fast Cutting Crystolon.

$\frac{5}{8}$ x 1 x 10 in...\$.60 ea

$\frac{3}{4}$ x $1\frac{1}{4}$ x 10 in... .65 ea



BENCH STONES. No. 111 Carborundum. One side coarse
the other fine grit. Size, 5 x 2 x $\frac{3}{4}$ in. \$1.95 ea.
No. 110. Carborundum. Size, 7 x 2 x 1 in. \$2.55 ea.



No. JT8 Crystolon
Home and Garden

One side flat, other side beveled. 10 $\frac{1}{2}$ in. \$1.10 ea.



STEEL FILE. Mill Bastard for Hoes, Spades and X Cut Saws.
8 in., 67c 10 in., 87c 12 in., \$1.16 ea.

See page 60 for complete listing of Files.

CARBORUNDUM FILE No. 57

For sharpening spades,
hoes, axes, etc. 13 in.

\$1.80 ea.



SCYTHES and GRASS HOOKS



Little Giant SCYTHER BLADES

The "All Day Scythe" of three piece welded steel construction. Wide heel.

Grass, 32 in. narrow pattern.....\$4.20 ea.

Weed, 26 in. as illustrated..... 4.20 ea.

Bush, 16 in. wider, heavier blade..... 4.20 ea.

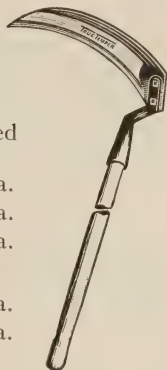
English Riveted Back

Grass Scythe Blade, 32 in. (Sorby)\$4.35 ea.

Austrian Scythe, 30 in. (Swan)..... 5.30 ea.

No. 250 Long Handle Grass Hook

Complete with 44 in. handle.....\$1.95 ea.



No. 250



SNATHS or Scythe Handles

A superior Snath with adjustable locking device.

No. 50 Back Saver. Light wt. for grass.....\$4.35 ea.

No. 300 Sta-Tite. All purpose standard weight..... 4.75 ea.

No. 20 Straight. Pattern for Austrian Sythe..... 4.10 ea.

No. 3 GRASS HOOK

Village Blacksmith. Full polished blade with off-set handle.

\$1.39 ea.

No. 11 (not illustrated)

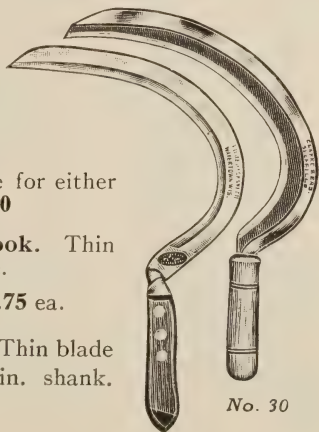
Nolin's Concave with 16 in. blade for either right or left hand. \$1.80

No. 30 Riveted Back Grass Hook. Thin blade with round handle.

Imported from England. \$1.75 ea.

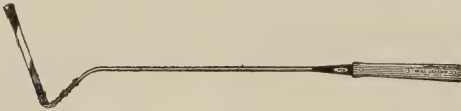
No. 414 Austrian Grass Hook. Thin blade with 11½ in. cutting edge; 6 in. shank.

\$2.25 ea.



No. 30

LAWN TRIMMERS

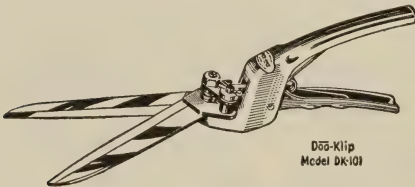


No. 165 GRAS-WIP. Swing it like a golf club.
Village Blacksmith. **\$2.39** ea.

No. 29 True Temper Grass Whip. Serrated blade.
\$1.98 ea. Extra blades, **78c**

STAND-UP GRASS SHEARS (right)

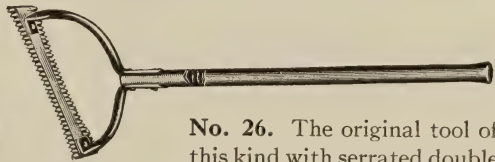
No. 900 Wiss. 5 in. cut with double spring action.
Red and black trim. Single wheel (packed 4) **\$3.75**.
With new dual rubber wheels (packed 2) **\$4.75** ea.



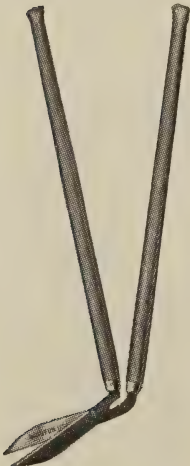
**No. 101
Doo-Klip**

Easy operation with
light weight alloy
handles. **\$3.25** ea.

**No. 26
Perfect
WEED
CUTTER**

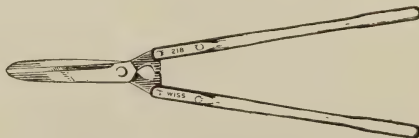


No. 26. The original tool of
this kind with serrated double
edge blade. **\$2.25** ea. Extra blades, **84c**.



No. 104 BORDER SHEARS (left)

Really a fine pair of 9 in. Hedge Shears at-
tached to 36 in. hardwood handles.
Weight, 5 lbs. **\$6.50** ea.



No. 218 Long Handle Hedge Shear. An
8½ in. Wiss Hedge Shear with 21 in. handles
for that long reach. **\$5.95** ea.

GRASS and CAN SHEARS

No. 5600 WISS Forged Steel



First choice of the professional gardener for cutting grass or heavy foliage. Hollow ground blades; red enamel handles. **\$2.95 ea.**



No. 5 Corona GRASS SHEARS

For right or left hand with thumb lock. Neoprene rubber bumper (inside the spring) and neoprene covered handles. **\$2.95 ea.**

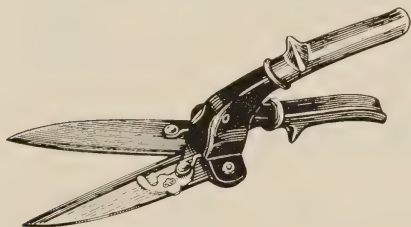
SHEEP SHEAR Pattern

6 in. full polished with offset handle.



No. 060 as illustrated, **\$1.60** (add 30c for rubber grips).

No. 012 **Vermont**. Double bow, no offset. **\$2.60 ea.**



No. 701 Wiss Grass Master

New easy action, soft red grips. **\$2.75 ea.**

No. 700 Wiss or Doo-Klip. **\$2.25 ea.**

Redhead Metal CAN SHEAR
Genuine Ayer-Line. Zinc plated.
Standard 29 in. Nursery Size for fast customer service. Weight, 4 lb.

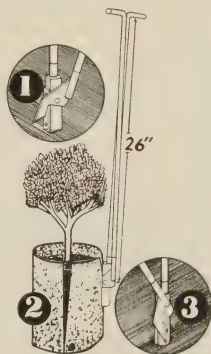
\$7.75 each or 3 for \$20.00

New 16 in. Home Size, **\$5.50 ea.**



Write for price on
Multiple Can Punch.
Hand or foot operated.

Handy-Man Gripzit—The safe carrying tool.
\$3.30 each or 2 for \$6.00

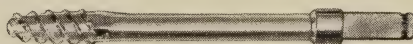


FORESTRY TOOLS

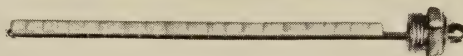
Bore
Complete



Bore
Bit

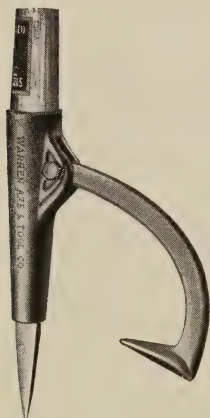


Extractor



Swedish INCREMENT BORER. For determining the growth or condition of timber. Sizes given indicate depth of borer.
8 in., \$25.90. 12 in., \$32.65. 16 in., \$39.40 complete.

Increment Hammer. For quick examination of bark and last few years growth. Extracts core $\frac{3}{4}$ in. long. \$18.45 complete.



No. 606 TIMBER CARRIER

4½ ft. maple handle, \$9.20.

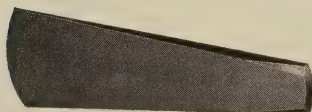
No. 330 PEAVIE (left)

Regular pattern with hickory handle.
4 ft., \$10.30; 5 ft., \$11.50

Extra Handles.	Timber Carrier.....	\$3.25 ea.
Peavie, 4 ft.....	\$3.75	5 ft..... 4.65 ea.
Cant Hook, 4 ft. ..	3.60	5 ft..... 4.50 ea.

CANT HOOK

No. 500 (right). With straight grained hickory handle. 2½ in. dia.
4 ft., \$8.00; 5 ft., \$8.80 ea.



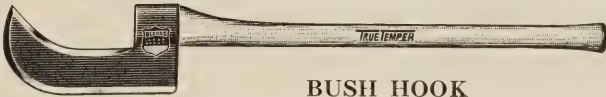
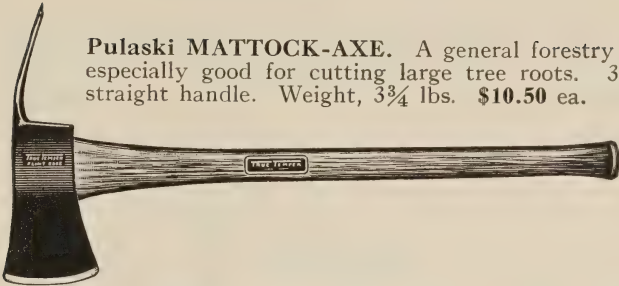
Falling WEDGE



As illustrated above—6 lb., \$2.70; 8 lb., 3.50 ea.
Splitting Wedge—Narrow Pattern, 4 lb., \$1.90; 6 lb., \$2.70 ea.
SLEDGE. Double Face assembled with handle. 8 lb., \$7.65.
12 lb., Sledge, \$9.90. Extra Sledge Handles, \$1.20 ea.

FORESTRY TOOLS

Pulaski MATTOCK-AXE. A general forestry tool, especially good for cutting large tree roots. 36 in. straight handle. Weight, $3\frac{3}{4}$ lbs. **\$10.50 ea.**



BUSH HOOK

No. 32. With 2 sharp edges. $3\frac{1}{4}$ lb. **\$6.00 ea.**

No. 10 Bush Hook, one edge with curved axe handle. **\$5.50**



True Temper AXES

Dayton Pattern, Flint Edge in black penetrate finish. Fire hardened handle.

$3\frac{1}{2}$ lb. Head., **\$6.60.** 4 lb., **\$6.90.** 5 lb., **\$7.50 ea.**

Extra Handles for Axes and Bush Hooks, \$1.70 ea.



Kelly Perfect DOUBLE BIT AXE

Western Pattern with almost straight edge.

3 lb., **\$7.50;** $3\frac{1}{2}$ lb., **\$7.50;** 4 lb., **\$7.80 ea.**

CLIMBING SPURS (Buckingham)
 $3\frac{1}{2}$ in. gaff for rough bark. Sizes 15 to 18 in.
 (16 $\frac{1}{2}$ is standard). **\$8.85 Pair.** (Adjustable, **\$10.10**)
 Leather foot and leg straps with pads. **\$6.40 set.**



HAND PRUNING SHEARS

Nos. 123-124-125 PROFESSIONAL

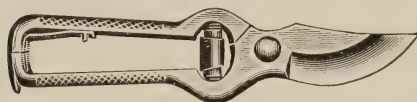


The Kunde pattern forged in Germany under the Leonard trade mark. Honed cutting edge, security plate for nut and leather catch.

No. 123. 7 in., \$3.25. No. 124. 8 in., \$3.50

No. 125. 9 in., \$4.00 ea.

Extra Bolt and Nut, 30c. Security Plate and Screw, 12c. Leather Catch, 15c. Volute Spring, 20c. Leather Case, 8 in., \$2.10; 9 in. \$2.30



No. 84 Wester Bros.

German import

Narrow model with heavy beveled blade, extended end latch and ratchet nut. Priced about the same as in 1941.

7 in., \$3.95 8 in., \$4.15 9 in., \$4.40 ea.

No. 860 Tina Close Bud Pattern



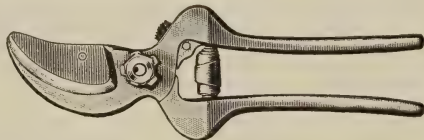
The thin blade makes a close, knife-like cut; excellent for cutting stocks off just above the bud. 8¼ in. \$6.90 ea.



No. T100 TRUE TEMPER Professional

New open end handles, stainless steel spring. 8½ in. \$4.00 ea.

No. 9TW TWIN CUT
H. K. Porter. Makes a close, powerful cut, even right at the point.



New Model with wide "soft-grip" handles, 9 in. \$7.00 ea.



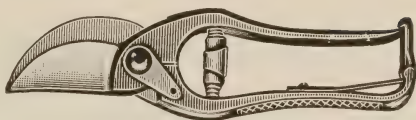
No. 8 CORONA With neoprene covered handles and bumper stop.

A precision tool No. 8-6¾ in., \$3.95. No. 800-7½ in., \$4.45 ea.

The New No. 60 with narrow blade. 8 in. \$3.65 ea.

HAND PRUNING SHEARS

No. 626 Berg
DOUBLE
CUT



Swedish import. Full double cutting blades of exceptional hardness (wire will not nick the blades). Gun metal finish.
7 in. Pocket Size, \$4.75. 8 in. \$5.75 ea.



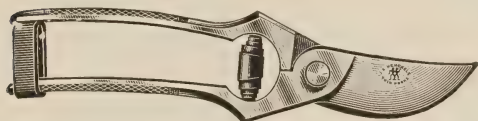
Reiser
Pattern
S. Smith

No. A585 As illustrated, \$3.95; **No. B585** with flat springs, \$4.75

TINA
Lightweight
Double-cut



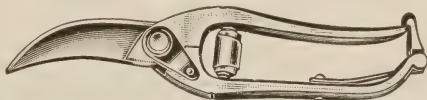
No. 870. A precision made Shear with the fine double-cut features and open end latch. Also, renewable blade. 8 in. \$5.95 ea.
No. 851. Tina. Standard weight double-cut pattern. 8 in. \$6.90 ea.



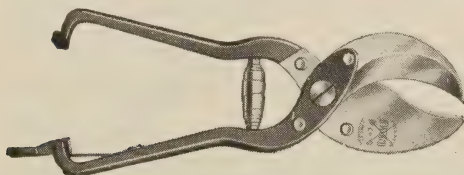
No. 194
HENCKEL
New design.

Heavier beveled blade and hook with new open end sure-grip handles. 8¼ in. Introductory price, \$4.50 ea.

No. 855
DAHLIA
SHEAR

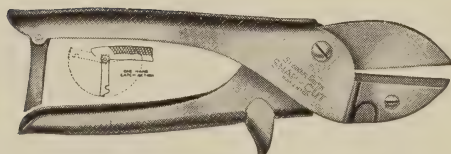


Narrow, double cutting blades. Tina Brand. 8¼ in. \$6.90 ea.



SWORD STEEL
Very powerful Double Cut for heavy pruning. Fits the hand nicely, 8 in.
No. 21. \$6.25 ea.

HAND PRUNING SHEARS



No. 119
The Original
SNAP-CUT

The keen V blade makes a powerful "rolling" cut onto the bronze anvil. Chrome plated; all parts replaceable. 8 in. **\$2.95** ea.
Extra Parts for No. 119—Blade, **60c**; Anvil, **18c**; Anvil Screw, **5c**; Bolt and Nut, **18c**; Spring and Rivet, **15c**; Leather Case, **\$2.20**

No. 118 Ladies' Snap-Cut. A handy 6 in. pocket size. **\$2.60** ea.

No. 908 HY POWER

A heavier pattern with the draw-cut action. Wiss 8 in. **\$3.25** ea.

No. 906—7 in. size, **\$2.75**

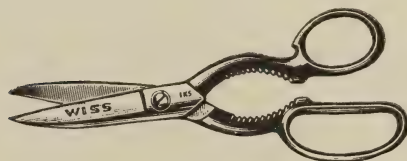
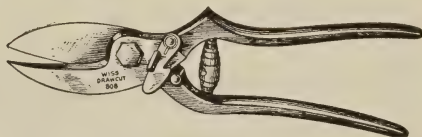
Extra Parts for No. 908, Anvil **18c**; Bolt and Nut, **18c**; Coil Spring, **10c**.



No. 609 Wiss
Rounded, black
enamel handles.
9 in. **\$3.25** ea.

No. 808 **DRAW CUT**

The Wiss professional pattern with off-set bolt for drawing cut and extra power. Gun metal finish. 8 in. **\$3.95** ea.



No. IKS
Garden and Kitchen
Handles enameled red.
8 in. **\$2.75** ea.

No. 401 FLORIST
Will cut foliage, wire or ribbon. 8 in. with $2\frac{1}{2}$ in. cut.
\$3.75 ea.

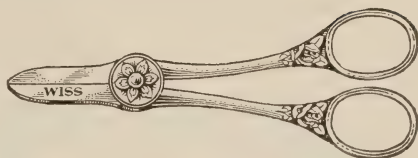


No. 402 Wiss Heavy Duty Florist or General Utility Shear.
8 in. with wider blades, one serrated. **\$3.35** ea.

SMALL HAND CLIPPERS

No. FH4 FLOWER

Cuts and holds. 6½ in.
chrome Wiss. \$2.75 ea.



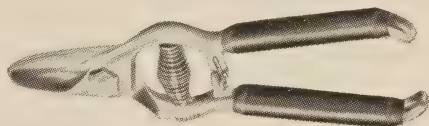
ROSE SHEARS

No. 607 Wiss. Chrome plate and red enamel. 7 in. \$2.95 ea.

No. 81 Wester Bros. A pocket size Pruner, 6¼ in., of German import. Full nickel plated with end latch. \$3.85 ea.

No. 4 CORONA

With neoprene
handles. 6¼ in.



For picking fruits and flowers and making cuttings. \$2.25 ea.

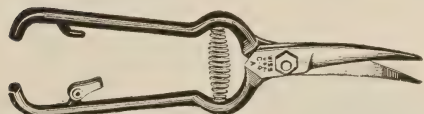
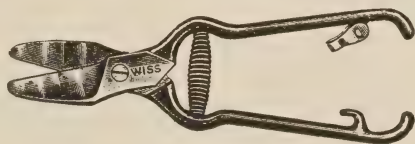


Corona Grape or Thinning.

No. 21S—with straight blades, \$2.60. No. 21C—curved, \$2.75 ea.

No. C1. Orange and Vegetable Clipper.

7 in. \$2.75 ea.



No. C4 THINNING and Picking Shear.

7½ in. \$2.80 ea.

No. C4A Heavy Pattern with heavier curved blades. \$3.25 ea.

The No. C4A is also available with straight blades, price \$3.50 ea.

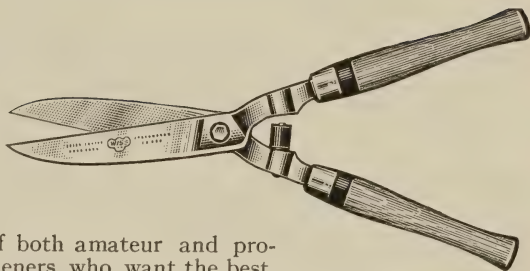
EXTRA SPRINGS

Coil type for Corona and Wiss Clippers, 10c ea. \$.90 doz.

Volute for Professional Pruning Shears, 20c ea. \$2.00 doz.

HEDGE SHEARS

WISS ENGLISH PATTERN



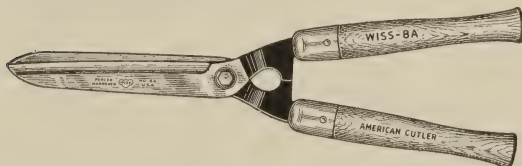
The choice of both amateur and professional gardeners who want the best.

Especially suited for fast, light cutting and the rubber shock absorber reduces arm fatigue. One blade serrated.

No. 8½E—8½ in., \$5.50 No. 9½E—9½ in., \$5.95 ea.

Extra Bolt and Nut, 25c; Shock absorber with pin and washer, 20c ea.

No. 8½E Deluxe. The 8½ in. size with **chrome plated** blades, both with knife edge; notch for heavier cuts. \$7.50 ea.



Wiss
STANDARD
No. 8A—8 in.
One blade is
serrated.

\$4.50 ea.

No. 9A—9 in. with two knife edges and notch. \$4.75 ea.

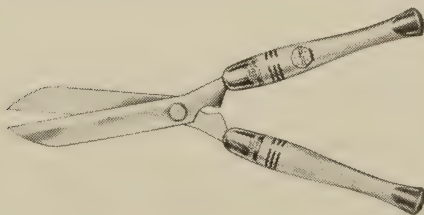
No. 6½L Wiss—6½ in. for grass or hedge. \$3.50 ea.

No. 41 Disston

New, lightweight design. Lower blade serrated.



8 in. with shock absorber, \$5.25; without shock absorber, \$4.50 ea.



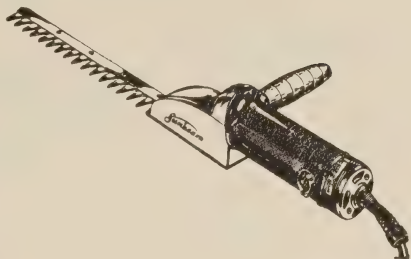
No. 30 Disston PROFESSIONAL

Hollow ground blades,
one serrated. 3 lb.
Special 10 in. size,
\$6.00 ea.

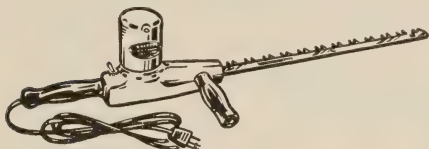
HEDGE SHEARS

SUNBEAM Electric

A successful combination of Sunbeam's experience in making cutlery steel products and electrical appliances. The motor is contained in the handle 12 in. blade, 10 ft. rubber covered cord.



Price, \$47.95 Extra Cord, 50 ft. \$4.75. 100 ft. \$8.95

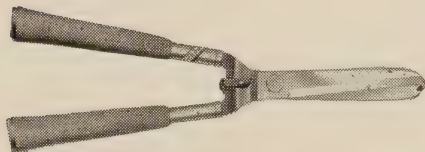
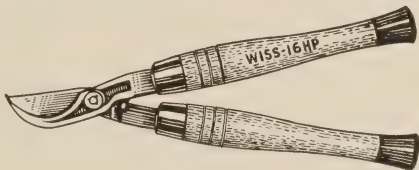


Little Wonder Electric

With two beveled edge cutting blades.

No. 16—16 in., cutting surface, \$59.50; No. 27—27 in., \$99.75
No. 36—36 in., \$132.50; No. 60—60 in. (two man), \$183.00

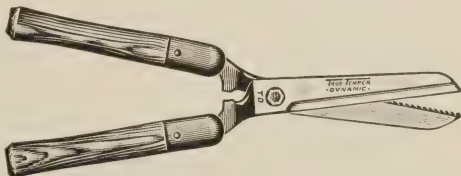
No. 16-HP
Wiss Home
PRUNER
16 in. Handles.
\$3.95 ea.



No. AT85 ROCKET

New True Temper.
Tubular steel shafts,
cushion grips. \$7.95 ea.

No. TD
True Temper
Dynamic Pattern,
oval handles and
serrated blade.
8½ in. Weight,
2½ lb. \$4.50 ea.



No. T85 DeLuxe True Temper Pattern with mirror polished blades, chrome ferrules and rubber bumper. \$5.50 ea.

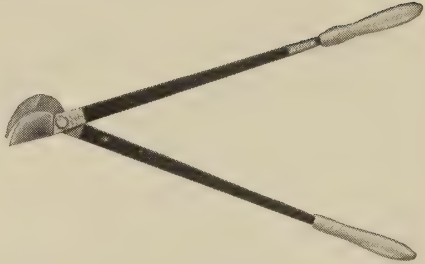
LOPPING SHEARS

Coleman ALL STEEL

Tiffany Pattern

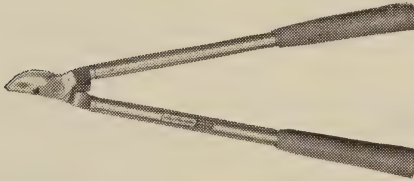
Cannot be excelled for lightness and strength. Takes up to $1\frac{1}{2}$ in.

20 in.....\$5.25 ea.
25 in..... 5.75 ea.
30 in..... 5.95 ea.



No. 7 Disston. The Tiffany Pattern with full drawing cut and riveted grips. 28 $\frac{1}{2}$ in. overall. \$7.00 ea.

No. 5L Disston with 12 in. wood handle for short or long grip. 25 in. overall. \$6.50 ea.



ROCKET

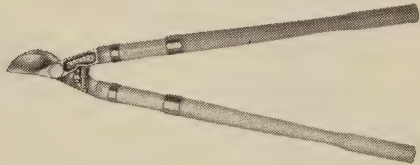
Lopper No. A103

Tubular steel shafts and cushion grips.

\$7.95 ea

CORONA LOPPERS

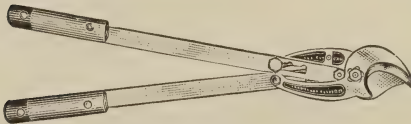
With Neoprene Rubber Bumper



No. CV195. Featherweight Vine Pruner. 19 $\frac{1}{2}$ in. \$5.75 ea.

No. 122T. Lightweight with new ferruled-on type handles. 22 in. overall; weight, 1 lb. 8 oz., \$6.95 ea.

No. 26T. Heavy duty type. 26 in.; weight, 2 lb. \$7.15 ea.



HKP POINTCUT

No. 1 size for a close, smooth cut right at the point. $1\frac{1}{4}$ in. cap.

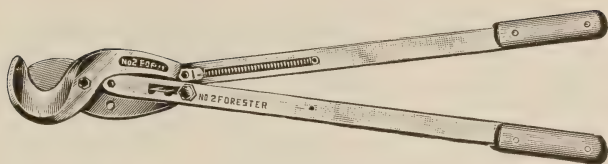
20 in., \$9.50; 24 in., \$9.70

HKP Bolt and Cable Cutter

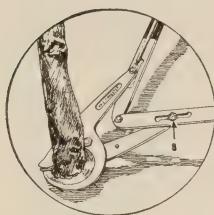
18 in. Will cut up to $\frac{5}{16}$ in. cable. \$12.20
24 in., $\frac{3}{8}$ in. \$15.10



LOPPING SHEARS



HKP FORESTER

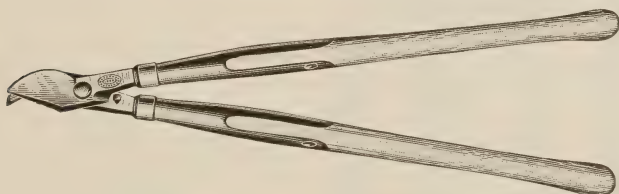


A new idea in pruning tools . . . large capacity, quick, clean cut, and the power is in the tool. Patented slide shift gives amazing multiplication of cutting pressure. No strain on tool or operator.

Repair Parts carried in stock.

The **No. 2 HKP Forester**, 27 in. long, $1\frac{1}{2}$ in. capacity, weight 4 lbs. 10 oz. **Price, \$11.40**

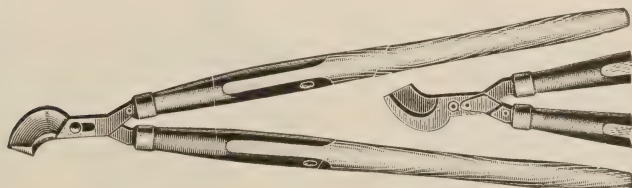
The **No. 3 HKP Forester**, 34 in. long, 2 in. capacity, weight 7 lbs. 4 oz. **Price, \$14.90**



No. 54. CLYDE. An old favorite for cutting back. 20 in. steel strapped handles. **\$7.95** ea. Extra Bolts, **55c** ea.

No. 5406. Clyde Light Weight. 20 in. with wide jaws. **\$5.85** ea.

No. 224-T Wiss Heavy Duty Tree Pruner with 24 in. handles; cuts up to 2 in., Weight $4\frac{1}{2}$ lb. **\$6.25** ea.



No. 540. Clyde Draw Cut. The cutting blade slides in a slot, producing a powerful, slicing cut. 24 in. handles. **\$10.90**
Extra Bolts, **65c** ea. Rivets, **50c** doz. Handles, **\$1.10** ea.

SAFETY SADDLES

TREE HARNESS

All leather Safety Saddle with tested hardware. Designed by a foremost Tree Surgery Company with many hundreds in use.

\$15.90



Nelson SAFETY SADDLE.

(left). $3\frac{1}{2}$ in. main belt adjustable 36 to 44 in. $\frac{1}{2}$ in. Manila rope with heavy brass thimbles at loop ends. **\$18.50**

Safety or Lineman's Belt (Buckingham)

$3\frac{1}{2}$ in. harness leather with $1\frac{1}{2}$ in. tool holder and buckle section. D rings for Safety Strap. **\$11.40**

Safety Strap. 2 in. wide, 5 ft. 10 in. long with snaps. **\$12.00**

No. 1302 WEB BELT

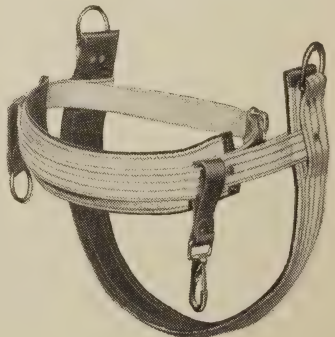
(Buckingham)

4-ply cotton webbing, moisture treated with soft harness leather lining. Complete as illustrated (right). **\$22.70**

No. 1301. The same but without the leather lining. **\$19.60**

Tool Belt Snap. Can be used with the Tree Harness or any open end belt. **50c ea.**

Rope Snap for connecting $\frac{1}{2}$ in. Rope to Saddle Ring. **\$4.25 ea.**



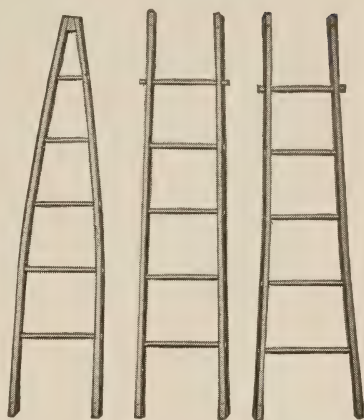
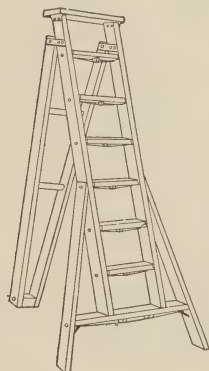
LADDERS and ROPE

SECTIONAL TREE LADDER

Especially constructed for the tree expert and orchardist. Sides $1\frac{1}{8}$ x 3 in. of light weight Sitka Spruce; hickory rungs countersunk and sealed against decay.

The Sections slide together. You can order just the lower and middle sections, or all middles (6 ft. illustrated).

New feature—Steel braces on top and bottom rounds.



Price per Section

8 ft., **\$13.00.** 10 ft., **\$16.00**

TRIPOD LADDER

Also makes a closed top single Ladder, A favorite for both landscape maintenance and for picking fruit.

6 ft.....	\$12.50	10 ft.....	\$21.30
8 ft.....	16.70	12 ft.....	25.50

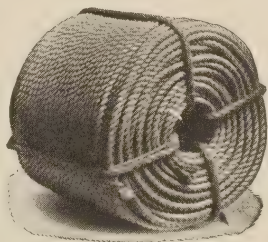
Blue Heart MANILA ROPE. Cut to length with ends wrapped. ready to use, or in Half or Full Coils of 1200 ft.

Climbing Rope, $\frac{1}{2}$ x 120 ft., \$8.00 150 ft.....**\$9.90**

$\frac{1}{4}$ in. Pruner Rope....	\$1.90	per 100 ft.
$\frac{5}{16}$ in. Pruner Rope....	2.70	per 100 ft.
$\frac{3}{8}$ in. Pruner Rope....	3.50	per 100 ft.
$\frac{5}{8}$ in. Tree Rope.....	11.00	per 100 ft.
$\frac{3}{4}$ in. Tree Rope.....	13.20	per 100 ft.

Maritime Manila, treated to repel water, prevent mildew and resist electric conductivity.

$\frac{1}{2}$ x 120 ft. **\$8.20;** 150 ft. **\$10.20**
 $\frac{5}{8}$ in. **\$11.30;** $\frac{3}{4}$ in. **\$13.60** per 100 ft.



TREE TRIMMERS

PORTER HKP Pole Pruner

This new Tree Trimmer incorporates many of the successful features of the HKP Lopping Shears. The draw cut blade and sharpened hook make a close, smooth cut up to $1\frac{1}{4}$ in.

Price, for the Head only.....\$8.90

Complete with rope and solid pole:

8 ft., **\$12.75**; 10 ft., **\$13.40**; 12 ft., **\$14.25**

HKP with jointed Poles with close fitting sleeve which actually make a stronger pole.

Price for complete Pruner

12 ft. (2 sections).....**\$17.95**

12 ft. (3 sections).....**20.65**

14 ft. (2 sections).....**18.75**

16 ft. (2 sections).....**19.55**

18 ft. (3 sections).....**23.35**

HKP Sectional Poles

4 ft. Top.....**\$3.20**

6 ft. Top.....**3.90**

8 ft. Top.....**4.50**

Middle.....**\$4.15**

Middle.....**4.85**

Bottom.....**\$2.85**

Bottom.....**3.60**

Bottom.....**4.20**

REPAIR PARTS

Blade (long or short arm) **\$3.35**

Spring, 45c. Pulley, 55c

Pivot Bolt Assembly, 35c. Lock or Sub Washers, 36c doz. Rope Guide, 40c. Sectional Sleeve Assembly complete, \$2.75.

TELEPHONE PRUNER (Left)

No. 11. Enclosed blade with chain pull.

Full 1 in. cut. **\$4.60 ea.**

Can be furnished complete with sectional poles above or solid poles below; add 90c for rope and assembly. **Repair Parts**—Blade, 35c. Pulley, 50c. Chain, 35c. Spring, 30c. Bolts, 25c.

Sectional Octagonal Pole for

No. 11

6 ft. Top

\$3.05

6 ft. Middle

\$4.40

No. 12. Telephone Pruner

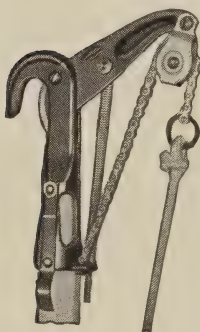
$1\frac{1}{2}$ in. cut, weight $3\frac{1}{2}$ lb. Double spring; takes special pole, $1\frac{3}{4}$ in. dia.

Price, \$10.00

Complete with 12 ft. solid pole **\$16.00**

Complete with 18 ft. pole comprising 3—6 ft. sections and $\frac{3}{8}$ in. rope. Weight 17 lb.

Price, \$26.50



TREE TRIMMERS

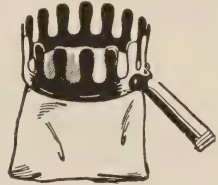


PRUNER POLES of **Selected Basswood** or **Sitka Spruce** when available. Light weight, properly seasoned and smoothly finished with one coat of shellac. $1\frac{5}{16}$ in. dia. 8 ft., **\$2.20**; 10 ft., **\$2.80**; 12 ft., **\$3.60**; 14 ft., **\$4.60**; 16 ft., **\$5.90** ea.

Square Poles $1\frac{1}{8} \times 1\frac{1}{4}$ in., tapered end, shellac finish. 8 ft., **\$2.20**. 10 ft., **\$2.80**. 12 ft., **\$3.60** ea.

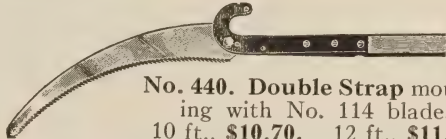


No. 55. COMBINATION Tree Trimmer and Saw. Either saw or rope lever can be disconnected. **\$10.50**

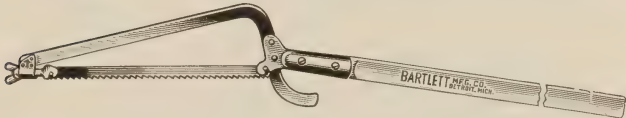


No. 8 FRUIT PICKER

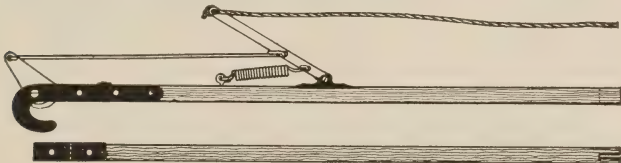
Black metal frame with pole socket and heavy cloth bag. **\$1.75** ea.



No. 440. Double Strap mounting with No. 114 blade. 10 ft., **\$10.70**. 12 ft., **\$11.50**



No. 45. POLE SAW. Head with 15 in. blade, **\$9.90** ea. Complete with 10 ft. round or square pole, **\$13.25**. Blades, **85c**



WATERS PATTERN Tree Trimmer

No. 1312 Tip Top as illustrated, 2-6 ft. Sections, **\$7.25** Add **\$1.75** for Pole Saw for the No. 1312

No. 100. Clyde with full length wire pull, shellac finish. 6 ft., **\$4.80**; 8 ft., **\$5.30**; 10 ft., **\$5.80**; 12 ft., **\$6.40** 10 ft. with **Rope Pull**, **\$5.80**; Extra Blades, **55c**

PRUNING SAWS

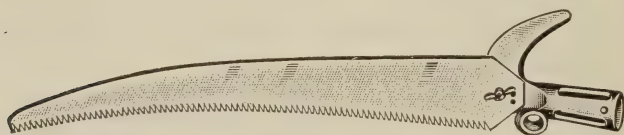


- No. 114. POLE SAW.** 15 in. blade, fast cutting and adjustable. Price without pole, **\$6.30 ea.** Extra Blades, **\$4.20 ea.**
No. 114A. Pole Saw with magnesium alloy socket, large hook and paint brush holder. Disston or Atkins blade. **\$6.60 ea.**



Leather Scabbard

For Nos. 114 and 114A Pole Saws.
\$4.70



- No. 514A Fanno Pole Saw.** 17 in blade, alloy socket. **\$7.50 ea.**



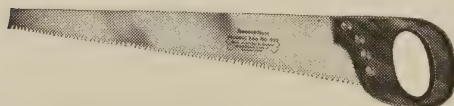
FANNO Pull-Kutter

- No. 24.** 24 in. self-feeding lance teeth. **\$9.00 ea.**
No. K24. Notched with 12 gullets for heavy duty. **\$11.00 ea.**

No. 624 S. SMITH Draw Cut



- 24 in. Sandvik blade with deep teeth for fast cutting. Water-proof, laminated handle with nickel plated screws. **\$6.90 ea.**



No. 922 Tree and Orchard

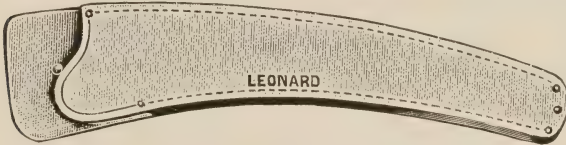
- 22 in. Sandvik (Swedish) blade. Cuts on both strokes. **\$5.90 ea.**
No. 8 Fanno. Above design for push stroke. **\$6.50 ea.**

PRUNING SAWS



No. 3-14. PROFESSIONAL Speed Saw. 26 in. curved blade, cutting on the draw stroke. The new favorite of tree experts, orchardists and public utilities. **\$7.50 ea.**

Extra Handles, **\$1.20.** Screws, 3 for **30c** No. 35 Filing Gauge, **95c**



Heavy Duty Scabbard of stiff sole leather. Fits all curved Saws. Ring or snap and belt loop on back. **\$7.50 ea.**

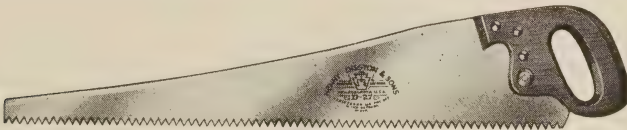


Leather SCABBARD. Especially designed for the Curved Speed Saw. Regular pattern as illustrated. **\$6.50 ea.**



No. 32. FORESTER, JR. Tuttle teeth with reinforced or laminated handle. 20 in., **\$6.60.** 24 in., **\$8.40 ea.**

Leather Scabbard for 20 in., **\$6.00.** 24 and 26 in., **\$6.50 ea.**



No. D27. TREE SURGEON. Stiff narrow blade, 26 in. long, 5 teeth to the inch. Special beveled teeth, cutting on both draw and push stroke. **\$9.90 ea.** Extra laminated handles. **\$2.20 ea.**

PRUNING SAWS

ORCHARD SAWS



No. 15. Disston OPEN FRAME. As illustrated. 14 in. blade turns free to any position. **\$5.95** ea. Extra Blades, **78c.**

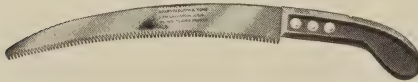
No. 11. Atkins. Frame tapers down to point. 16 in., **\$5.40** ea. Coil of 25 ft. Blade $\frac{1}{2}$ in. wide, **\$7.30**; $\frac{5}{8}$ in., **\$7.80** ea.



No. 166 Disston Orchard. Draw stroke, 14 in. blade. **\$3.60** ea.

No. 20 Atkins Citrus. Reverse rip teeth. 14 in. **\$3.60** ea.

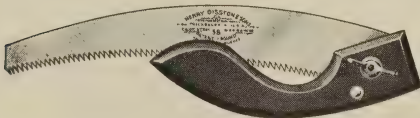
No. 14 Fanno Orchard. 7 points to the inch lance teeth for smooth cutting. 8 in. handle. **\$3.90** ea.



Needle Point or Peg Teeth

No. 168 Disston. Needle point, draw stroke. 14 in., **\$4.20** ea.

No. 120 Atkins. Peg tooth, narrow blade. 14 in., **\$3.85** ea.

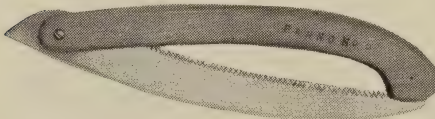


No. 38. FOLDING

12 in. blade, cutting on draw stroke. **\$3.90** ea.

No. 2A Pocket Fanno

For the gardener or sportsman. $7\frac{1}{2}$ in. cutting edge. **\$2.75** ea.



No. 2 Folding

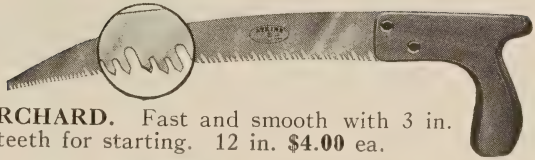
Handle fully encloses 9 in. blade. **\$3.50** ea.

No. 0 Folding Fanno. 14 in. as illustrated. **\$4.00** ea.

No. RF-05 Palm Tree Saw. 17 in. Fanno blade with 30 in. handle for reaching low limbs or cutting roots. **\$5.80** ea.

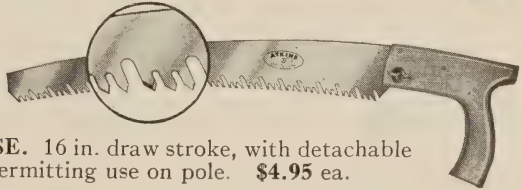
PRUNING SAWS

No. 6



POINTED ORCHARD. Fast and smooth with 3 in. of peg teeth for starting. 12 in. \$4.00 ea.

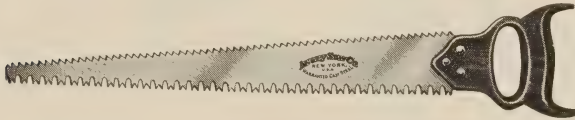
No. 1-16



ALL PURPOSE. 16 in. draw stroke, with detachable handle permitting use on pole. \$4.95 ea.

Fanno Tree Saw. Narrow, curved and pointed blade with fast cutting lance teeth; pistol grip handle.

No. 16—17 in., \$5.20. No. 17—20 in., \$6.50 ea.



No. 4. **DUPLEX.** 18 in. Lightning and fine teeth. \$5.10 ea.



No. 17. **FORESTER.** 26 in. stiff blade, extra large peg teeth for fast cutting on push stroke. \$5.15 ea.

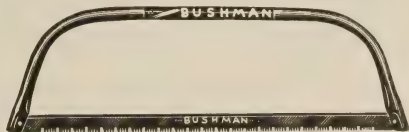


No. 103
BUSHMAN

The world famous Bushman (Swedish) teeth. Rapid cutting on both forward and backward stroke. 24 in. blade. \$5.50 ea.

BOW FRAME

Bushman with tubular steel frame and Swedish steel blade.

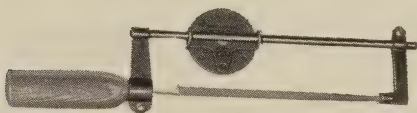


An all-around Buck Saw. 30 in., \$3.95; Extra Blades, \$1.35 ea.

FILES and X CUT SAWS

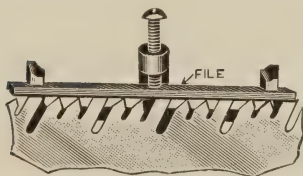


- Cant Safe Back File** for Atkins, Disston and Fanno Saws.
 6 in., 87c. 7 in. (standard size).....98c ea.
 No. 38 Special File for Needle-point Teeth.....98c ea.
 Slim Taper for Nos. 11 and 15, 60c. Auger Bit File.....65c ea.
Mill Bastard File, 8 in., 67c. 10 in., 87c. 12 in....\$1.16 ea.



- No. 1-A SpeedFiler.**
 Fits over saw teeth
 and holds file to cor-
 rect pitch and angle.
\$3.50

- Filing Gauges.** Nos. 35, 36 and
 38 for Nos. 3-14, 1-16 and 6, 95c



- No. 395 Saw Set** (above) **\$3.00** ea.
No. 31 JOINTER. Indispensable
 for curved or straight saws. **\$1.40.**

- No. 3-A Saw Vise.** Clamps to bench. 10½ in. **\$4.00**

- No. 32 Fanno
 Bull Saw**



- Fast cutting lance teeth; large grip. 32 in. **\$11.00** ea.

- ONE-MAN
 X-CUT**



- No. 554. Champion,** or tuttle tooth as illustrated with supple-
 mentary handle. 3 ft., **\$10.50.** (Also comes with plain teeth).



- No. 270 Two-Man X Cut.** Two cutting teeth to one raker.
 5½ in. wide at center. 5½ ft. with handles. **\$17.30**
No. 9 Atkins Forester. Four fast cutting teeth to one raker.
 4½ in. wide at center. 5½ ft. **\$17.30**

TREE SURGERY TOOLS



No. 251. TREE SURGERY CHISELS. The Greenlee line designed to meet the severe demands of the Tree Surgeon. Hickory handle with steel ring. $\frac{1}{2}$ in., \$4.40. $\frac{3}{4}$ in., \$5.00. 1 in., \$5.45. $1\frac{1}{4}$ in., \$6.10. $1\frac{1}{2}$ in., \$6.65 ea.

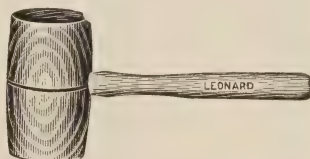


No. 341. TREE SURGERY GOUGES. Outside bevel with shallow curved. Hickory handle $\frac{1}{2}$ in., \$5.10 $\frac{3}{4}$ in., \$5.65. 1 in., \$6.25. $1\frac{1}{4}$ in., \$6.85. $1\frac{1}{2}$ in., \$7.50 ea.

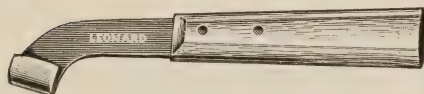
CHISEL HANDLES. Regular sizes with steel ring. 60c ea. Extra Long Handles. 15 in., \$1.00 24 in., \$1.35 ea.

Lignum-Vitae WOOD MALLETS

Standard size, 3 in. dia. face.
Weight 1 lb. 10 oz. \$1.75 ea.



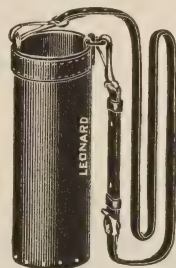
A new, larger size, $3\frac{1}{2}$ in. dia. Weight 2 lb. 8 oz. \$2.10 ea.
Kraeuter PLIERS $8\frac{1}{2}$ in. side cutting. \$4.85 ea.



**No. 184A. Wound
Cleaner, $7\frac{1}{2}$ in.**
\$1.85 ea.

LEATHER CHISEL BAG

Hand made of tan leather, 4 in. diameter with wood bottom and adjustable shoulder strap.
\$5.90 ea.



LEATHER SHEAR or TOOL CASE

8 in. for No. 124 Pruning Shear or Pliers.....	\$2.10
8 in. Special for Nos. 119 and 908 Shears.....	2.20
9 in. for No. 125 and other 9 in. Shears.....	2.30

TREE SURGERY TOOLS



EXTRA LONG BITS. Single Twist Ship Auger.
 17 to 18 in. overall— $\frac{7}{16}$ in., \$2.60. $\frac{9}{16}$ in., \$2.70. $\frac{11}{16}$ in., \$2.80.
 $\frac{13}{16}$ in., \$3.00. $\frac{15}{16}$ in., \$3.40. $1\frac{1}{16}$ in., \$3.90 ea.
 30 in. with 24 in. twist— $\frac{9}{16}$ in., \$5.85. $\frac{11}{16}$ in., \$6.35.
 $\frac{13}{16}$ in., \$7.40. $\frac{15}{16}$ in., 8.50. $1\frac{1}{16}$ in., \$9.60 ea.
Short Lag Bits with Single Twist. $\frac{1}{4}$ in., \$1.55; $\frac{5}{16}$ in., \$1.65;
 $\frac{7}{16}$ in., \$1.75; $\frac{9}{16}$ in., \$1.95 ea.



No. 95X. EARTH AUGER for Electric Drill. 2 in. dia. x 18 in. twist, $\frac{3}{4}$ in. shank, \$9.00; $\frac{1}{2}$ or $\frac{5}{8}$ in. shank, \$9.50 ea.



No. 95. EARTH AUGER

For tree feeding and soil testing. 2 in. dia., 40 in. long with 6 in twist; wood handle. \$6.00 ea.



18 in. Extension Bit Holder

No. 900 to follow $\frac{5}{8}$ in. \$4.30 No. 925 to follow $\frac{13}{16}$ in. 5.50

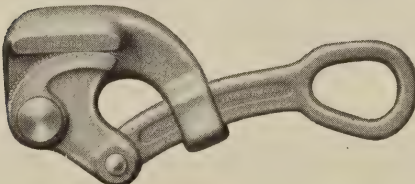
BRACES

Genuine Yankee with ball bearing chuck; will hold round, square or taper shanks.

10 in. Sweep.

\$14.90 ea.

14 in. \$15.80 ea.



CABLE DRAG CLAMP

No. 368 for $\frac{3}{16}$ and $\frac{1}{4}$ in. cable. \$6.45
 No. 369 for $\frac{5}{16}$ and $\frac{3}{8}$ in. cable. \$8.55

TREE SURGERY SUPPLIES

TRIPOD ROAD SIGN

Collapsible tripod, metal sign 15 x 15 in. with yellow background and 2 red flags, complete and official.

Price, \$12.60. Extra Flags, 85c
Steel Carrying Case, \$3.50

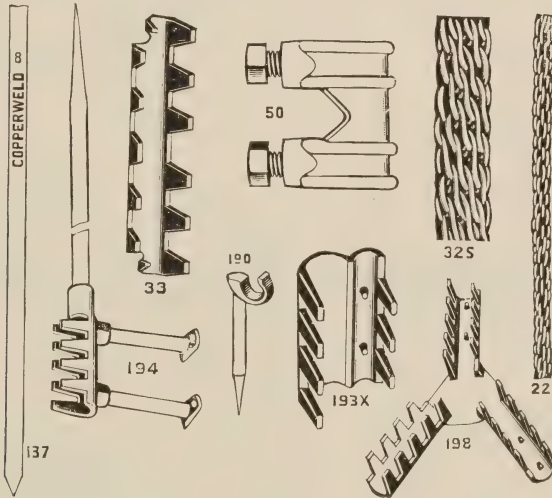


DANGER SIGN

24 x 18 in. Yellow waterproof fabric with metal reinforcement and eyelets.

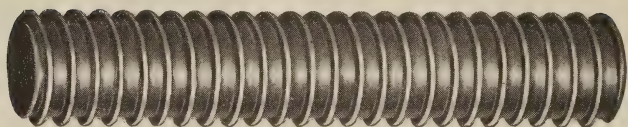
\$4.50

LIGHTNING PROTECTION MATERIAL FOR TREES



No. 137	Ground Rod, ½ in. x 9 ft. Copperweld.....	\$4.30
No. 194	Conductor Point, 4 ft. with copper nails.....	3.95
No. 33	Main Splicer.....	45c
No. 3X	Branch Splicer ..	.40
No. 193X	Connector for Branch to Main Conductor40
No. 198	Fork Type Ground Connector with 2 prongs.....	1.70
No. 190	Drive Fastener for Main Conductor.....	.28
No. 190A	Drive for Branch Conductor.....	.23
No. 50	Ground Clamp.....	1.10
No. 32S	Main Conductor (Copper) per 100 ft.....	37.70
No. 22	Branch or Miniature Conductor per 100 ft.....	17.70

ARBORICULTURAL SUPPLIES



THREADED TREE ROD. Use Auger Bit $\frac{1}{16}$ in. smaller than Rod and insert with pipe wrench. **Price for 10 ft. Lengths**

	Plain	Plated	Weight
$\frac{1}{2}$ in.....	\$3.60	\$4.20	5 lbs.
$\frac{5}{8}$ in.....	4.00	5.00	8 lbs.
$\frac{3}{4}$ in.....	4.90	6.40	12 lbs.
$\frac{7}{8}$ in.....	6.00	7.90	17 lbs.
1 in.....	7.90		22 lbs.



HEXAGON NUTS. Lag thread Cad. Plated.

	Price per 100	Nuts	Washers
$\frac{1}{2}$ in.....		\$ 8.00	\$7.00
$\frac{5}{8}$ in.....		12.00	8.00
$\frac{3}{4}$ in.....		16.00	9.00
$\frac{7}{8}$ in.....		20.00	10.00
1 in.....		25.00	11.00



Diamond Washers



LAG SCREW HOOKS. Zinc or Cadmium Plated with gimlet point. Right Hand regularly furnished (not drilled).

Price and Weight per 100

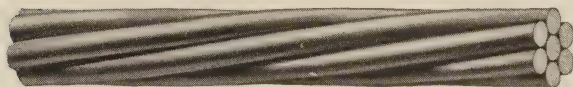
Size	Right Hand	Left Hand	Weight	Size Cable
$\frac{1}{4}$ x $2\frac{3}{4}$ in.	\$10.50		5 lbs.	$\frac{1}{8}$ or $\frac{3}{16}$ in.
$\frac{5}{16}$ x $3\frac{1}{2}$ in.	12.50		10 lbs.	$\frac{3}{16}$ in.
$\frac{3}{8}$ x $4\frac{1}{2}$ in.	18.50	\$20.00	18 lbs.	$\frac{3}{16}$ or $\frac{1}{4}$ in.
$\frac{1}{2}$ x $5\frac{1}{2}$ in.	27.00	29.00	35 lbs.	$\frac{1}{4}$ or $\frac{5}{16}$ in.
$\frac{5}{8}$ x 7 in.	39.00	42.00	65 lbs.	$\frac{5}{16}$ or $\frac{3}{8}$ in.



LAG SCREW BOLTS. Complete with Nut and Washer. Cadmium Plated. $\frac{1}{2}$ x 8 in. 65c $\frac{1}{2}$ x 12 in. 75c ea.

$\frac{5}{8}$ x 12 in. \$1.10. $\frac{5}{8}$ x 18 in. \$1.30. $\frac{3}{4}$ x 18 in. \$1.70 ea.

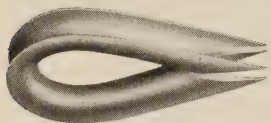
ARBORICULTURAL SUPPLIES



STEEL WIRE or Cable. 7 strand, Double Galvanized.

Special soft annealed. Weights given for 250 ft. Coil.

Size	Strength	Weight	Price-250 ft.	1000 $\frac{1}{2}$ ft.
$\frac{3}{16}$ in. dia.	1150 lbs.	18 lbs.	\$10.20	\$38.00
$\frac{1}{4}$ in. dia.	1900 lbs.	30 lbs.	14.50	54.50
$\frac{5}{16}$ in. dia.	3200 lbs.	51 lbs.	20.90	78.50
$\frac{3}{8}$ in. dia.	4250 lbs.	68 lbs.	26.50	99.50



Galvanized THIMBLES

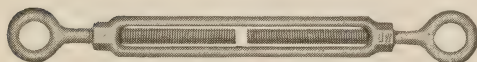
Some use $\frac{1}{4}$ in. for $\frac{3}{16}$ in. cable, $\frac{5}{16}$ in. for $\frac{1}{4}$ in. and $\frac{3}{8}$ in. for $\frac{5}{16}$ in.

Price per 100

$\frac{3}{16}$ and $\frac{1}{4}$ in. **\$8.50** $\frac{5}{16}$ in. **\$10.50.** $\frac{3}{8}$ in. **\$13.00**

$\frac{1}{2}$ in. for repairing rope harness, **17c** ea.

D for Tree Harness, **\$1.50**; Ring, **40c**; Buckle, **50c** ea.



TURN BUCKLES

Strong forged steel, heavy galvanized. Eye and Eye.

For guying newly set shade trees with $\frac{3}{16}$ or $\frac{1}{4}$ in. cable.

$\frac{1}{4}$ in. with 4 in. take-up, **\$1.00**; $\frac{5}{16}$ x 4 $\frac{1}{2}$ in., **\$ 1.20** ea.

$\frac{3}{8}$ x 6 in. for $\frac{5}{16}$ in. cable, **\$1.60**; $\frac{1}{2}$ x 6 in. for $\frac{3}{8}$ in., **\$2.30.**



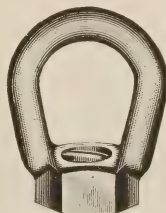
CABLE CLAMPS

Put short end of cable through top of loop.

Price per 100

$\frac{3}{16}$ in., **\$14.50** $\frac{1}{4}$ in., **\$17.00**
 $\frac{5}{16}$ in., **19.00** $\frac{3}{8}$ in., **26.00**

LOOP NUTS (right)



Lag thread for Tree Rod. $\frac{1}{2}$ in., **\$.95**; $\frac{5}{8}$ in., **\$1.10**;
 $\frac{3}{4}$ in., **\$1.25**; $\frac{7}{8}$ in., **\$1.40** ea.

Loop Nuts **With Swivel.** $\frac{5}{8}$ in., **\$1.90**; $\frac{7}{8}$ in., **\$2.80** ea.

Brass Drain Tubing. Outside diameter $\frac{9}{16}$ in., 16 ga. **70c** ft.

ARBORICULTURAL SUPPLIES

LEONARD TREE COMPOUND or Pruning Paint

Pure asphaltum base with other ingredients which are antiseptic and healing to tree wounds. Black in color, ready to use.

A thinner **Winter Grade** is available 1, 5 and 30 gal. cans. Pints, 12 to case—Wt. 15 lbs. Quarts, 6 to case—Wt. 15 lbs. 1 Gallon Can —Wt. 10 lbs.

Packed 1 or 4 to case

5 Gallon Can —Wt. 45 lbs.

30 Gal. Drum —Wt. 255 lbs.



Price—Pint, —\$ 1.20

Quart, — 1.90

Gallon, — 4.50

5 Gal. — 16.00

Case of 12,—\$1.00 per Pint

Case of 6,— 1.60 per Quart

Case of 4,— 3.90 per Gallon

30 Gallon Drum—\$85.00

LEONARD CAVITY SEALER. A special processed black asphalt emulsion which comes in paste form ready to be mixed with water to make a waterproofing paint. 1 Gallon, \$ 4.90 Case of 4—1 Gallon, \$4.40 Gallon. 5 Gallon Can., \$19.00

PLASTIC TREE COMPOUND (Clintark). A refined brown paste excelling in antiseptic and healing qualities. Apply with cavity trowel to split crotches, frost cracks and wounds; for small cavities mix with dry sawdust. 12 lb. Can, \$4.40.

Orange Shellac. For painting the cambium as soon as exposed. Extra heavy. Quart, \$2.25. Gallon, \$6.50.



TREE TANGLEFOOT

For banding trees and vines as a protection against climbing insects. One pound covers 15 lineal feet 2 to 3 in. wide. Also effective in water proofing after pruning or tree surgery.

6 oz. Tube \$.90—Packed 12 to case

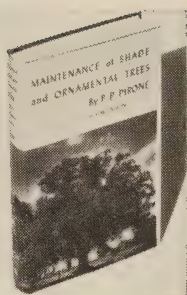
1 lb. Can \$1.50—Packed 12 to case

5 lb. Can \$7.00—Packed 6 to case

25 lb. Pail, \$26.50

BOOKS

Book of Shrubs, The —Hottes.....	\$4.00
Book of Trees, The —Hottes.....	4.00
Climbers and Ground Covers — Hottes.....	3.00
Diseases and Pests of Ornamental Plants —Dodge and Rickett.....	6.00
Flowering Trees of the Caribbean, The, with 29 paintings in color — White.....	7.50
Friendly Evergreens, The. Reissue with 86 full-color plates— Kumlein.....	10.00
Gardener's Trouble Shooter, The —Victor H. Ries.....	3.50
Grafter's Handbook, The —Garner.....	4.50
How to Increase Plants —Hottes.....	3.50
How to Plant Your Home Ground. 72 easy to read chapters, 150 planting plans; highly recommended by the A. A. N.—Aul.....	3.50
Improved Nut Trees of North America and How to Grow Them. 425 pages giving all the aspects of modern nut tree farming—Reed and Davidson.....	6.00
Maintenance of Shade and Ornamental Trees —Pirone....	8.00
Plant Disease Handbook (1950) 1,000 host plants and 1,500 diseases and their controls arranged for quick reference—Westcott.....	10.00
Plant Propagation Practices, by the popular writer for the American Nurseryman Magazine—Wells.....	7.50
Propagation of Trees, Shrubs and Conifers —Sheat.....	5.00
Pruning Manual, The. The newest book on this subject covering both fruiting and ornamental plants and trees—Christopher.....	5.00
Shrubs and Vines for American Gardens —Wyman.....	7.50
Tree Experts Manual, The Complete Modern. New, enlarged edition with an added section on the growing habits of both deciduous and evergreen trees —Fenska....	7.00
Trees for American Gardens —Wyman.....	7.50



BULLETINS OF THE NATIONAL PARK SERVICE

Transplanting Trees and Other Woody Plants, 25c; Safety for Tree Workers, 20c; Tree Bracing, 10c; Shade Tree Pruning, 15c; General Spraying Practices, 15c; Ropes, Knots and Climbing, 15c.

Books are Postpaid; add **10c** for postage on orders for Bulletins.

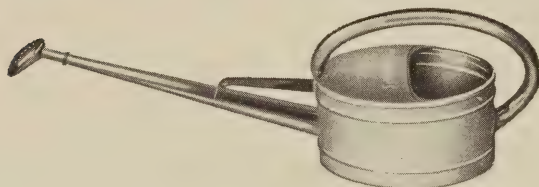
WATERING CANS

Schneider Watering Cans of finest German import are now available in a size for every purpose and with a variety of extensions and rose attachments. Oval design with double, folded seams, grooved, tubular handle and hot-zinc dipped. Sizes are given in liters equal to 1.057 quart.



(Left) Fine Roses
with brass face.

2½ Ltr. The handy size shown above with fine rose. **\$6.35.**
Extra Roses, Fine, **\$1.30.** Medium with zinc face, **\$1.10** ea.



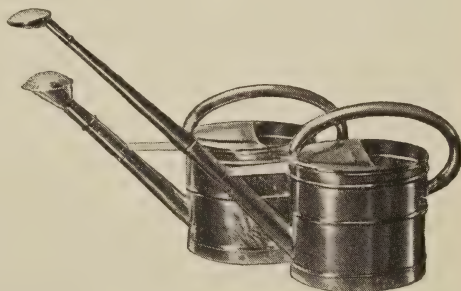
4½ Ltr.
*with
fine
rose*

4½ Ltr. With tubular handle and fine rose, **\$7.95.**
Extra Roses, Fine, **\$1.40**; Medium, **\$1.20**; Coarse, **\$1.10**; Special
Spoon Shape, **\$1.75.** (These Roses fit the 4 Ltr. with extension).

REGULAR PATTERN

Both with normal
spout and with ex-
tension added.

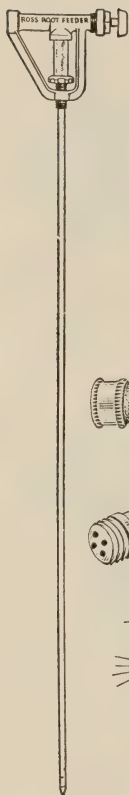
Oval Shape



4 Ltr. With normal spout and fine rose, **\$7.75.** Medium rose, **\$1.30** extra, or complete with extension and both roses, **\$9.75.**

8 Ltr. With normal spout and fine rose, **\$9.85.** Medium rose, **\$1.50** extra, or complete with extension and both roses, **\$11.95.**

12 Ltr. With normal spout and fine rose, **\$14.65.** Medium rose, **\$1.70** extra, or complete with extension and both roses, **\$16.95.**



WATERING DEVICES

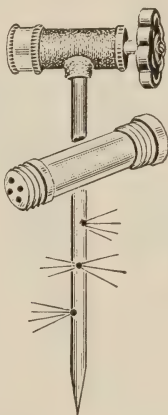
Ross ROOT FEEDER

Attaches to garden hose and takes concentrated plant food right down to the roots. The New **Improved Model for 1957** is 20% stronger.

Price, complete with box of 12 Neutral (8-16-8) Nutrient Cartridges, **\$5.98**

Extra Cartridges—Neutral, Acid (10-20-20) or the new Starter (10-52-17). Box of 12, **\$1.00**

Iron Chelate Cartridge—for chlorosis, **\$1.50** box.



SUBSURFACE IRRIGATOR

Oversize $\frac{1}{2}$ in. tube 36 in. long with brass hose valve and complete with plastic mixer tube, the use of which is optional. **\$5.00** ea.



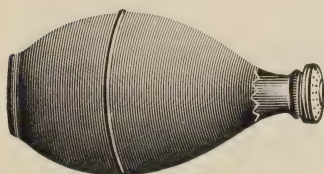
No. 136 Brass Extension with standard hose connections. Recommended for use with the No. 400 Water Breaker. 2 ft.—**\$1.95** ea.

WATER BREAKER

Releases the full volume of water without pressure; attached directly to hose. Aluminum alloy with 2 in. face. **No. 400. \$1.80** ea.



The "400" Water Breaker



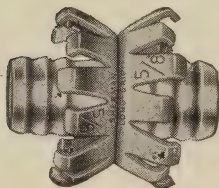
Rubber Plant SPRINKLER

The red rubber bulb with many uses. 12 oz. Scollay. **\$2.25** ea.

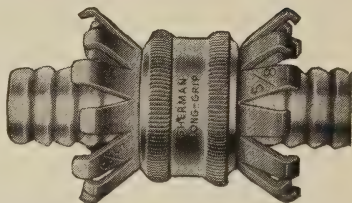
STANDARD HOSE FITTINGS

CLINCHING HOSE COUPLING

Wrought brass with extra long grip. $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ in.



45c ea.
\$5.00 doz.



CLINCHING MENDER

$\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ in. 20c ea.; \$2.20 doz.

Brass Mender Tubes. \$1.55 doz.

Florist Hose Coupling, $\frac{3}{4}$ in. full flow. \$2.50 set.

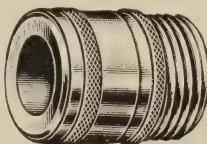
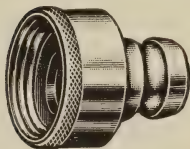
BRASS HOSE CLAMPS

$\frac{3}{8}$ and $\frac{1}{2}$ in. \$1.20 doz.
 $\frac{5}{8}$ and $\frac{3}{4}$ in. \$1.55 doz.



SIAMESE CONNECTION (right)
For running two lines of hose or two Soil Soakers from one connection.
 $\frac{3}{4}$ in. \$.80. $\frac{3}{4}$ in. x 1 in. \$2.30 ea.

Rubber Hose Washers. Red Rubber,
 $\frac{3}{4}$ in. full size. 9c doz. 90c gross



HOSNAP

Automatic Hose Coupler

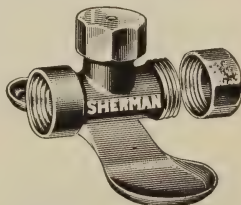
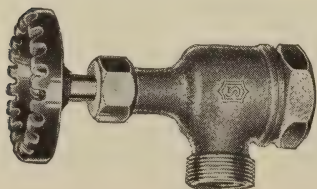
Simply push in to connect and lock with full swivel action. Solid brass.

Price for Hosnap complete, \$1.25

Faucet Ends, 40c ea.

MULTIPLE SPRAY HEADS

For connection in series with short lengths of hose. Cast brass. Set of 4 with 2 end caps. Extra \$5.25. End Caps 20c ea.



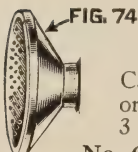
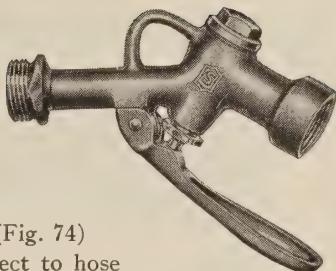
HOSE VALVE

Solid brass with $\frac{3}{4}$ in. hose outlet. Straight nose as illustrated or bent nose. Price with $\frac{3}{4}$ in. iron pipe inlet, \$2.35.
For 1 in. pipe, \$4.75 ea.

NOZZLES

No. 139 Automatic SHUT-OFF

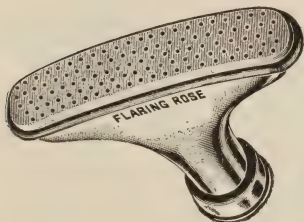
Can be used with any of the
Nozzles shown below or spray
nozzle with adapter.
\$3.00 ea.



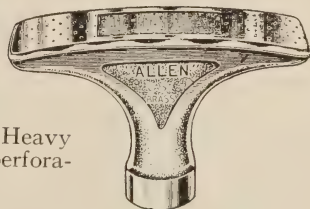
ROSE SPRAY (Fig. 74)

Can be attached direct to hose
or Shut-Off. Wrought brass.
3 in., **\$1.10.** 4 in., **\$1.45 ea.**

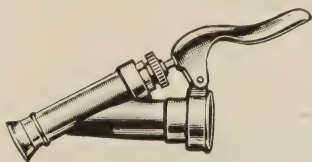
No. 69 Nozzle Holder. Heavy plated wire. **80c ea.**



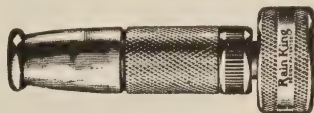
FLARING ROSE. Ideal for
seed beds and small plants.
Another good combination with
the Shut-Off. No. N4, **\$1.25 ea.**



No. 700 Flat Spray (Allen). Heavy
cast brass body with pin size perfora-
tions. **\$1.85 ea.**

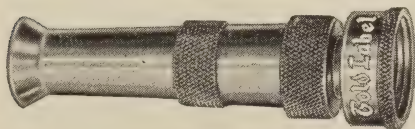


No. K100 Lever Spray. Can
be locked in any position or full
shut-off. Chrome. **\$1.49 ea.**



RAIN KING NOZZLE

Precision tooled from solid brass and finished in chromium plate.
Adjustable to spray, solid stream or off. **\$1.59 ea.**



GOLD LABEL NOZZLE

Standard size of polish-
ed bronze. **\$1.80 ea.**

HOSE SPRINKLERS - HOSE



SOIL-SOAKER

Like ALL NIGHT RAIN

The water seeping through the pores of the Soil-Soaker produces a gentle flow its entire length. With a Siamese you can operate two Soil-Soakers on average city pressure.

Ideal for the rose garden, border or hedge row. 2 in. wide of scientifically treated canvas duck.

No. 0—12 ft.....	\$1.80
No. 1—18 ft.....	2.40
No. 2—30 ft.....	3.70
No. 3—50 ft.....	6.00

ANDREWS Hose Sprinkler

The original 2-tube green plastic Hose Sprinkler with tiny round holes for gentle spray; or turn it over for use as a soaker. Can be stored wet.

5 Sizes—20 ft.....\$2.50 ea.

30 ft., \$3.50. 40 ft., \$4.00. 50 ft., \$4.75. 100 ft., \$8.75 ea.

Reel for 20 and 30 ft.\$1.00 For 40 to 100 ft.\$1.80 ea.



Goodyear Emerald Cord RUBBER HOSE

$\frac{3}{4}$ in. x 50 ft. 2-braid of rayon cord with green covering resistant to abrasion and weather; heavy brass full-flow couplings attached.

Price, \$26.75 per 50 ft. length.

High Pressure Spray Hose. $\frac{1}{2}$ in. x 3 braid, 800 lb. test in 50 and 100 ft. cut lengths, $74\frac{1}{2}$ c per ft. Couplings, \$2.85 set extra.

Rain King

The BEST SPRINKLERS MADE

Model D (right). Gleaming brass columns as illustrated. Adjustable nozzles for revolving or stationary position. **\$5.95 ea.**

Model H. Rich green circular base like the Model K Below. The chrome plated brass nozzles actually throw more water when set for fine spray—ideal for newly seeded lawns.

Price, \$8.95 ea.

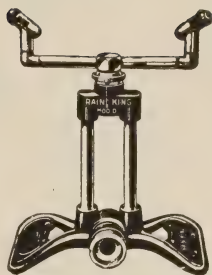
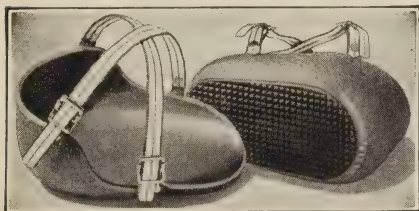


Model K (right)

Finger tip control for setting distance, 5 to 50 ft. in diameter. Automatically regulates kind of spray for designated area. Wide, ventilated base in green enamel; 10 in. high with chromium fittings. Weight, 4 lb.

Price, \$9.95 ea.

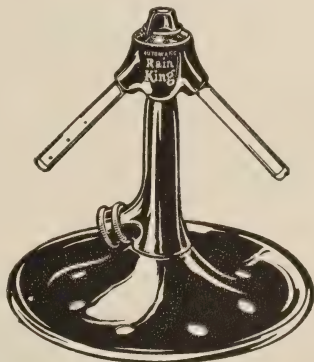
Model K20 Traveling Sprinkler. Stainless steel tape sets the course, straight or around corners, up to 100 ft. All the Model K features plus travel and automatic shut-off. **\$34.95.**



Model S (left)

Stainless steel oscillating arm, aluminum base. No water enters gear box. Wt. 4 lb.

Price, \$13.95

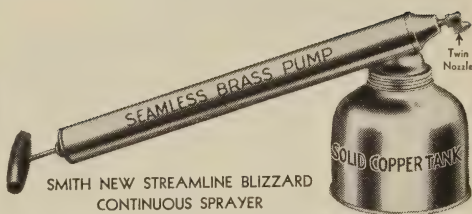


RUBBER KNEE PADS

Moulded rubber with soft cushion inserts. Complete with adjustable straps.

Price per Pair, \$2.50

HAND SPRAYERS



Blizzard. Slow pumping gives a continuous, unbroken spray. Beautifully polished. Pint Size, \$4.90. Quart, \$6.70 ea.

No. 335 Hudson CLIMAX JR.

A handy compression Sprayer with the Simplex Inner-Seal; cover is locked in place by quarter turn of handle. 3½ gal. galv. tank and complete as illustrated. \$16.60.

No. 310 PERFECTION (Hudson) 4 gal. galv. tank with the Inner-Seal. \$18.90

No. 9A Hudson Favorite for the home garden. 2 Gal. galv. tank, easily carried by pump handle. 5 ft. hose with curved extension rod, shut-off and nozzle. \$11.30

Smith Flame Gun. 4 gal. corrugated tank, 7 ft. oil resisant hose, and pressure gauge. \$35.50.

No. 3 PARAGON

A steady pumping stroke builds up a pressure as high as 300 lbs., 12 gal. tank, 10 ft. spray hose, 7½ ft. spray pipe, 3 nozzles.

Price complete with two wheel, truck. \$57.50.



With one Steel Wheel, \$55.00. Pneumatic Tired, \$67.50. 4 Gal. Auxiliary Compression Tank with gauge and hose connections, \$22.50 Extra. Gauge only, \$2.75 extra.

HAND DUSTERS

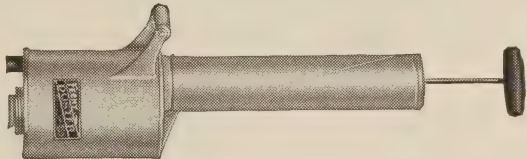


Feeny HAND DUSTERS. Produce a cloud of dust with the first push, year after year. Complete with extension and two nozzles, straight and underleaf.

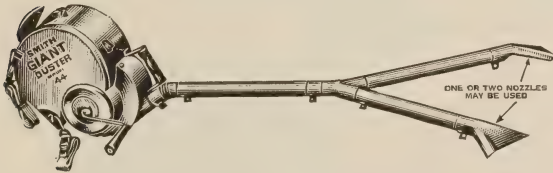
Model BX. One Pint Size as illustrated.....\$1.80 ea.

Model F. Quart Size with double extension..... 2.75 ea.

Model D2
2 Quart
Size



A very efficient model with double extension, nozzle and wood grips. Packed one to shipping carton.....\$4.75 ea.



No. 44
Giant

No. 44 GIANT Duster. A well balanced, precision built Rotary Duster with 8 in. ball bearing fan and enclosed cut steel gears.

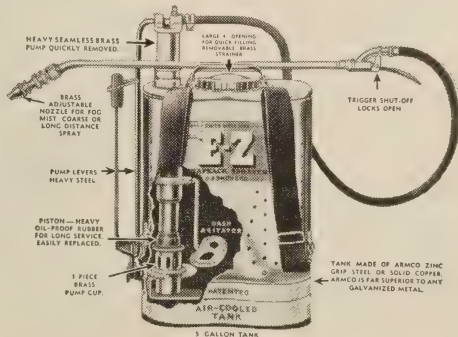
Can be used with one or two nozzles. Capacity 10 lb.

Shipping Weight 14 lb. **Price, \$32.50**

E-Z KNAPSACK SPRAYER

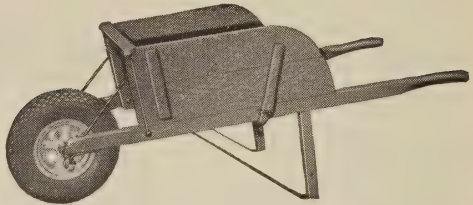
Form fitting, air conditioned back. Solid brass pump, neoprene plunger, adjustable nozzle. 5 gal. Armco zinc-grip tank.

Price, \$49.00



LAWN EQUIPMENT

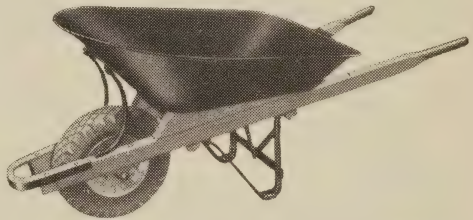
WOOD Garden and Greenhouse Barrows



No. 4 Garden. Hardwood frame with waterproof plywood sides and bottom, enameled green. 27 in. overall width, bed 23 in. wide at rear, 25½ in. long. Improved steel bracing; pneumatic tired wheel. Flat packed in corrugated wrapper. 51 lb. **Price, \$32.75**

No. 3 Greenhouse. 20 in. overall width, red finish. **Price, \$34.95**

No. 140 General Purpose Steel Barrow



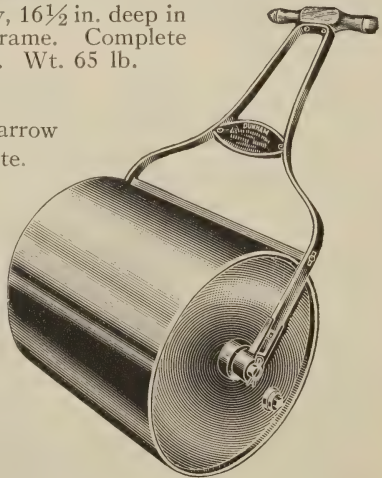
No. 140. Seamless steel tray, 16½ in. deep in front; selected hardwood frame. Complete with 4 ply B B Wheel. Wt. 65 lb.

Price, \$35.45

Extra Ball bearing Wheelbarrow
Wheels, 4 ply **\$14.90** complete.

Dunham WATER WEIGHT ROLLER

Heavy gauge steel drum with rounded edge to prevent cutting into turf; adjustable scraper. Oilite bearings on Nos. 2, 4 and 7; roller bearings on the No. 9.



No.	Diam.	Length	Wt. Empty	Filled	Price
2	14 in.	24 in.	50 lb.	160 lb.	\$17.90
4	18 in.	24 in.	60 lb.	220 lb.	21.70
7	24 in.	24 in.	80 lb.	400 lb.	29.50
9	24 in.	32 in.	113 lb.	570 lb.	45.50

LAWN EQUIPMENT

Parkerette LAWN SWEEPER

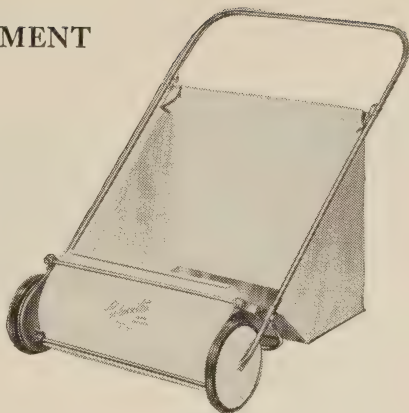
For yard, driveway and walks—cleans winter debris, summer grass clippings, autumn leaves.

With new lift out basket.

20 in., 4 bu. cap. \$35.00

28 in., 5½ bu. cap. 44.00

28 in., Springfield. 8 bu. capacity complete with wind apron. \$57.50



No. 30 SPIKE DISC Lawn and Green Cultivator

Lawns and Greens require cultivation and aeration the same as garden crops.



Also use the Spike Disc before re-seeding and fertilizing. Disc may be raised for passage over walks and weight can be added. 18 in. rolling width, weight, 100 lbs.

Price, \$67.50

No. 32 with 2 handles, \$72.00

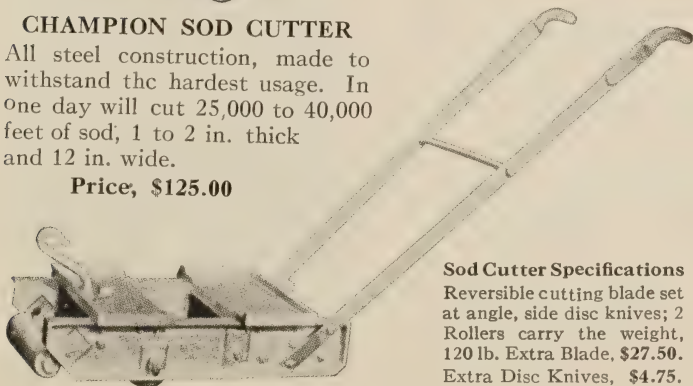
No. 8T for home lawn—8 discs 16 in. wide; carton packed 35 lb. \$19.90

No. 22—24 in. spiking reel, bar for use with power mower. \$34.00

CHAMPION SOD CUTTER

All steel construction, made to withstand the hardest usage. In one day will cut 25,000 to 40,000 feet of sod, 1 to 2 in. thick and 12 in. wide.

Price, \$125.00

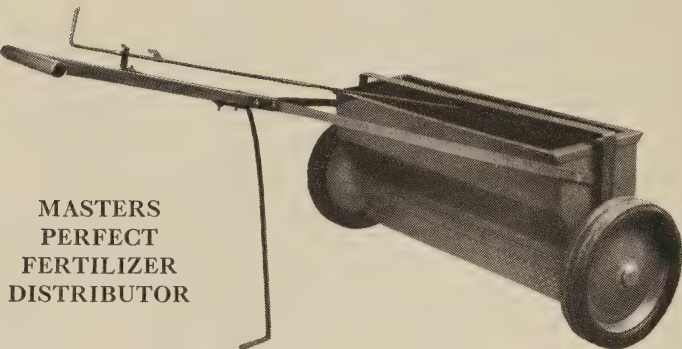


Sod Cutter Specifications

Reversible cutting blade set at angle, side disc knives; 2 Rollers carry the weight, 120 lb. Extra Blade, \$27.50.

Extra Disc Knives, \$4.75.

LAWN EQUIPMENT



**MASTERS
PERFECT
FERTILIZER
DISTRIBUTOR**

Evenly distributes grass seed, fertilizer and top dressing without waste. Large capacity hopper with rotary agitator, perforated scatterboard; shut-off control and adjusting device mounted on lawn mower type handle. **Price**, with Steel Wheels—

No. M241—24 in. **\$44.95** **No. M361**—36 in. **\$59.75**

Price, with 5½ in. Semi-pneumatic Wheels as illustrated.

No. M241D—24 in. **\$51.95** **No. M361D**—36 in. **\$66.65**

Price, with stainless steel bottom and agitator, semi-pneumatic rubber tired wheels. **No. M241SD**—24 in., **\$61.75**

M361SD—36 in. As above including differential. **\$79.25**

Kemp POWER SOIL SHREDDER

No. 6 for the small grower. Easily portable from job to job and instantly ready for shredding and mixing soil and manure, sod and heavy compost.

22 in. wide, 38 in. long.
¾ H. P. motor with cord ready to plug into socket.

Weight, 200 lbs.

Price, \$215.00

Rubber Tired Wheels

\$10.00 extra

Immediate Delivery

F. O. B. Piqua

Also other models.



HAND TRUCKS

NURSERY HAND TRUCK

Standard Model

The modern labor saving device for moving plants with ball of earth. One man can load and transport balled plants weighing up to 600 lbs. Tubular steel construction, overall width 27½ in., length or height, 63 in. Equipped with 12 x 4 in. 4-ply Pneumatic Tired Roller Bearing Wheels.

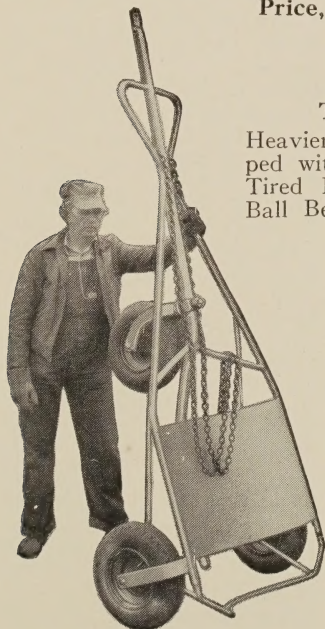
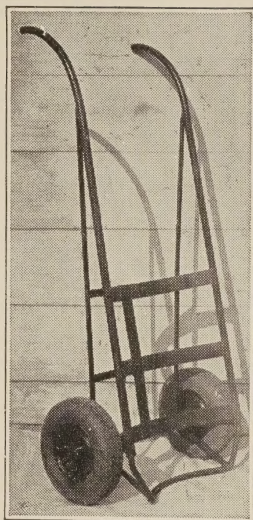
Weight, 52 lbs. **Price, \$52.00**

Price with Ball Bearing Wheels, **\$48.00**

Special Model Hand Truck

The same design as the standard model except larger in size—36 in. wide, 6 ft. high. Will carry 800 to 1000 lbs. Equipped with 2—16 in. Pneumatic Tired Ball Bearing Wheels. Wt. 82 lb.

Price, \$71.50



The BIG HAND TRUCK

Heavier welded construction and equipped with two 4-ply 16 in. Pneumatic Tired Roller Bearing Wheels and one Ball Bearing Wheel (on swivel).

Handles 40 in. Ball

Weight up to 1500 lbs.

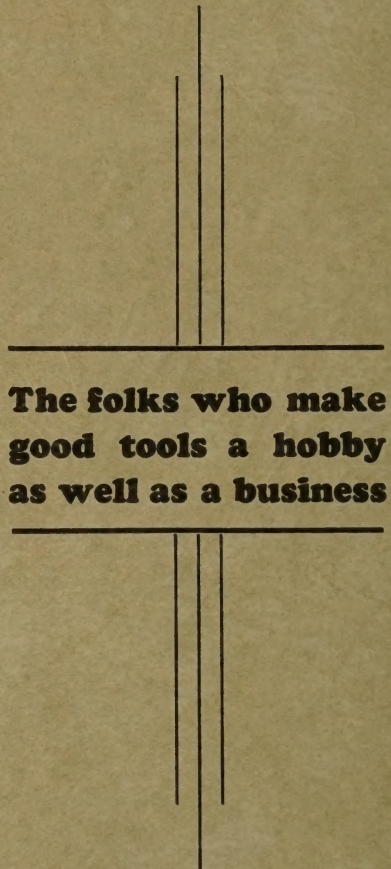
Can be used as a trailer by removing the swivel wheel. Approx. weight, including 19 ft. of chain, 195 lbs. **Price, \$149.50**

Note—These are genuine Garden Shop Models equipped with General Tires and priced F.O.B. Piqua, Ohio

**Immediate Shipment
All Models**

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The text is centered and framed by a double-line border. Above and below the text are decorative elements consisting of three vertical lines of varying heights, with a horizontal line intersecting them in the middle.

**The folks who make
good tools a hobby
as well as a business**